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IS 885 (1994): Common Names for Pesticides and other Agrochemicals (Excluding Fertilizers) [FAD 1: Pesticides and Pesticides Residue Analysis]

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कीटनाशक तथा अन्य कृषि रासायनिकों के लिए सामान्य नाम (अपवर्जित उर्वरक)

(दूसरा पुनरीक्षण)

Indian Standard

COMMON NAMESFORPESTICIDESAND OTHER AGROCHEMTCALS (EXCLUDINGFERTILIZERS)

(Second Revision)

UDC 632·951 COM

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

July 1994

Price Group 15

Pesticides Sectional Committee, FAD 1

FOREWORD

This Indian Standard was adopted by the Bureau of Indian Standards, after the draft finalized by the Pesticides Sectional Committee had been approved by the Food and Agriculture Division Council.

This standard lists the common names of certain pesticides and other agrochemicals used in agriculture, animal husbandry and public health.

This Indian Standard was first issued in 1956. The first revision was brought out in 1967. This second revision is being brought out incorporating common names of several chemicals being used in the country and also to bring the standard in line with the international work being done in this field. In this revision, effort has been made to prepare a list of chemicals that do not require common names.

The common names used in this standard are the chemical names, in conformity with the English rules of the International Union of Pure and Applied Chemistry (IUPAC) and the International Organization for Standard (ISO), wherever, common names approved by IUPAC and ISO do not exist, names as listed in the Chemical Abstracts has been included in this standard.

In the preparation of this standard, reference has been made to the following publications:

ISO 257 : 1976 'Pest control chemicals and plant growth regulators — Principles for the selection of common names'.

ISO 765 : 1976 'Pesticides considered not to require common names'.

ISO 1750 : 1981 'Pesticides and other agro chemicals — Common names'.

The Pesticide Manual, Seventh Edition, 1983. The British Crop Protection Council, Croydon CRO 2TD.

Indian Standard

COMMON NAMES FOR PESTICIDES AND OTHER AGROCHEMICALS [EXCLUDING FERTILIZERS]

(Second Revision)

1 SCOPE

1.1 This standard comprises of an alphabetical list of common names for pesticides and other agrochemicals (excluding fertilizers), together with their corresponding chemical names, structural and molecular formulae and use.

1.2 This standard also contains a list of chemicals which have been considered not to require common names.

2 OBJECTIVE

A common name is to provide a short, easily pronounciable name for a compound, whose full chemical name is too long and complicated, for use in commerce, industry, official regulations and specifications.

3 PRINCIPLES FOR SELECTION OF COMMON NAMES

3.1 The common names shall be written or printed in lower case letters, for example, malathion.

3.2 In the exceptional cases where the names are formed from the initials, they shall be written in capitals without intervening full stop, for example, BHC.

3.3 When numerals and letters both occur in a common name, the numerals shall be started from one another by commas and from letters (capitals only) by a hyphen, for example, 2,4-D.

3.4 The common name shall normally apply to the pure chemical of known structure, but in exceptional cases it may be given to a mixture of isomers, in which not all the isomers may have established biological activities, for example, BHC.

3.5 Consideration may be given to the coining of common names for reaction products having an incompletely defined chemical composition but not for deliberate mixture of active ingredients.

3.6 A proprietary name shall not be considered as a common name unless the manufacturer has formally agreed to:

a) not to use it as a trade-mark; and

b) to permit its use as a common name by giving up rights to it by any other means conforming to the statutory provisions.

4 USE

The use of each compound is given according to the following classification:

Acaricide = A
Bactericide = B
Fungicide = F
Herbicide = H
Insecticide = I
Molluscicide = M
Nematicide = N
Plant growth regulators = P
Rodenticide = R
Avicide = V

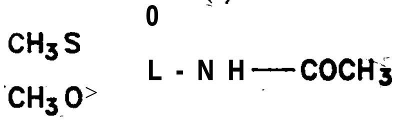
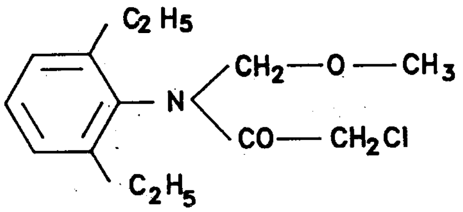
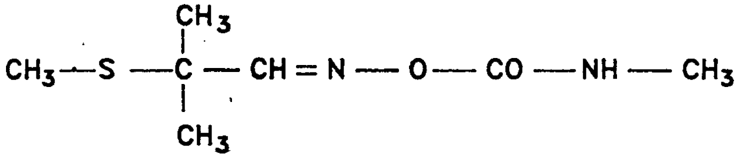
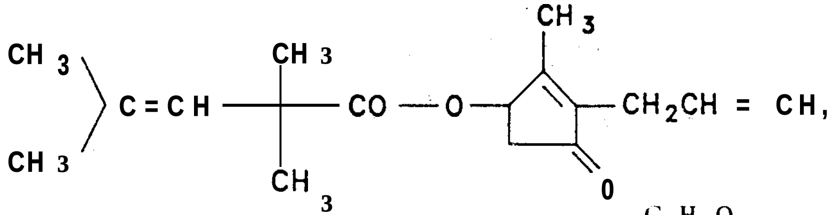
5 COMMON NAMES

5.1 The common names of different pesticides and other agrochemicals (excluding fertilizers) have been listed in Table 1 in an alphabetical order.

5.2 The chemicals considered not to require common names have been listed at Annex A.

Table 1 Common Names for Pest Control Chemicals

(Clause 5.1)

Sl No. (1)	Common Name (2)	Use (3)	Chemical Name (4)	Chemical Structure (5)	Molecular Formula (6)
1.	acephate phoramidothioate	I	*O,S*-dimethyl acetylphos =		$C_4H_{10}NO_3PS$
2.	acrylonitrile	I	acrylonitrile	$CH_2 = CH-CN$	C_3H_3N
3.	alachlor	H	2-chloro-2′, 6′-diethyl N- methoxymethylacetanilide		$C_{14}H_{20}ClNO_2$
4.	aldicarb	I N	2-methyl-2-(methylthio) = propionaldehyde *O*-methyl carbnmoyloxime	 $CH_3-S-\underset{CH_3}{\overset{CH_3}{C}}-CH=N-O-CO-NH-CH_3$	$C_7H_{14}N_2O_2S$
5.	aldrin	I	Product containing 95% of HHDN (see Sl No. 194)	————	$C_{12}H_9Cl_6$
6.	allethrin	I	(1*RS*)-3-allyl-2-methyl-4-oxocyclopent-2enyl (1*RS*)- *cis*-trans-chrysanthemate		$C_{19}H_{26}O_3$

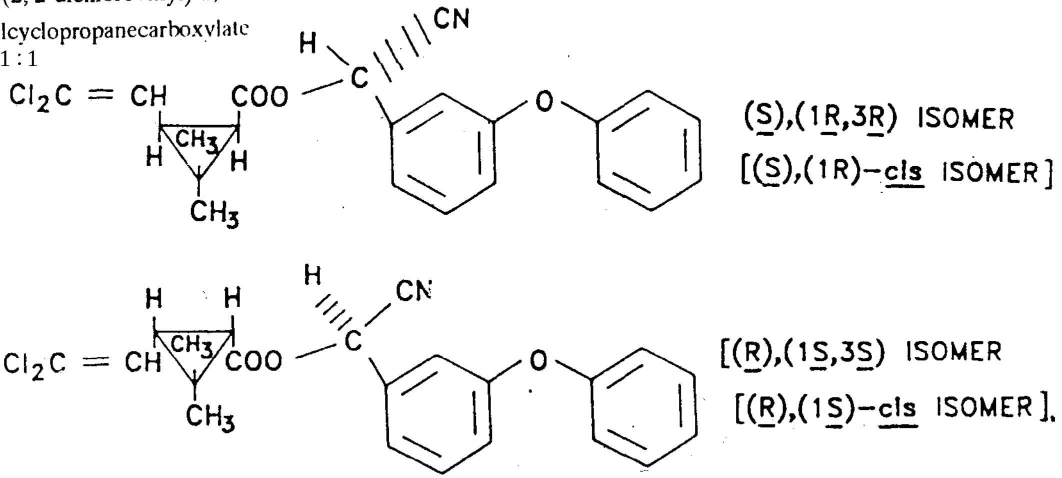
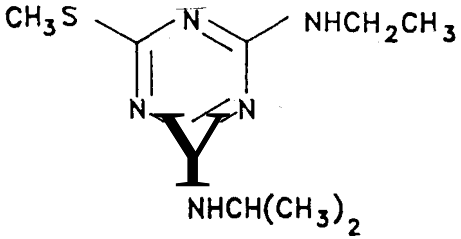
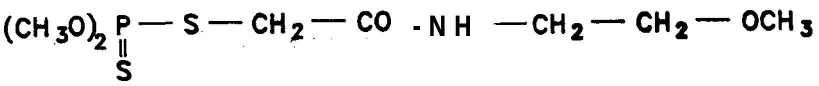
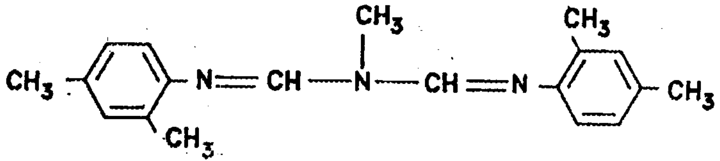
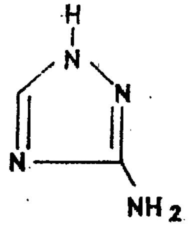
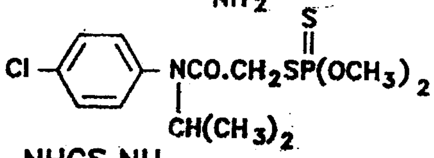
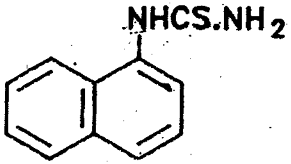
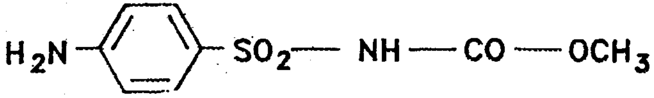
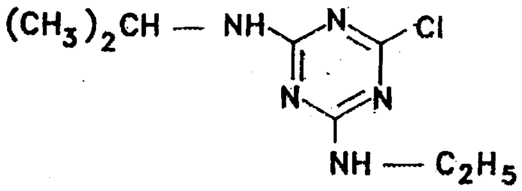
	′alphamethrin	I	(*S*)-*alpha*-cyano-3-phenoxybenzyl (1 R, 3R)-3(2, 2-dichlorovinyl)-2 2-dimethylcyclopropanecarboxylate and (R)-*alpha*-cyano-3-phenoxybenzyl (1 S, 3S)-3-(2, 2-dichlorovinyl)-2, 2-dimenthylcyclopropanecarboxylate in the ratio 1 : 1	 (S),(1R,3R) ISOMER [(S),(1R)-cis ISOMER] [(R),(1S,3S) ISOMER [(R),(1S)-cis ISOMER].	$C_{22}H_{19}Cl_2O_3$
8.	ametryne	H	N-ethyl-N'-isopropyl-6 methylthio-I, 3, 5-triazine -2, 4-diyldiamine		$C_9H_{17}N_5S$
9.	amidithion	A I	S-2-methoxyethylcarbamoyl = methyl 0, Odimenthyl phospho = dithioate	 $(CH_3O)_2\underset{\overset{\|}{S}}{P}-S-CH_2-CO\text{-}NH-CH_2-CH_2-OCH_3$	$C_7H_{16}NO_4PS_2$

Table 1 (*Continued*)

Sl No. (1)	Common Name (2)	Use (3)	Chemical Name (4)	Chemical Structure (5)	Molecular Formula (6)
10.	amitraz	A I	N-methylbis (2, 4-xylylimino = methyl) amine		$C_{19}H_{23}N_3$
11.	amitrole	H	3-amino-1*H*-1, 2, 4-traizole		$C_2H_4N_4$
12.	anilofos	H	S-4-chloro-N-isopropyl = carbaniloylmethyl *O*, *O*-dimethyl phosphororodithioate		$C_{13}H_{19}ClNO_3PS_3$
13.	antu	R	1-(1-naphthyl)-2-thiourea		$C_{11}H_{10}N_2S$
14.	asulam	H	methyl sulphanilylcarbamate		$C_8H_{10}N_2O_4S$
15.	atrazine	H	2-chloro-4-ethyloamino-6-isopropylamin *O* -1, 3, 5-triazine		$C_8H_{14}ClN_5$

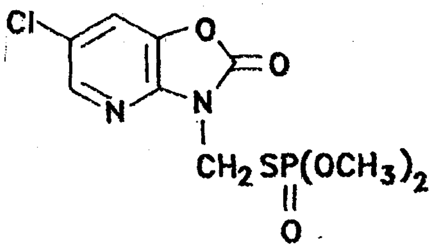
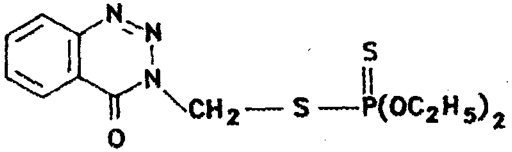
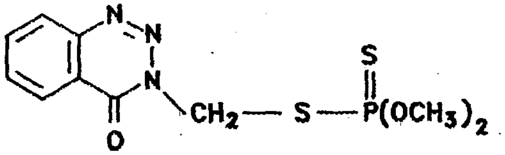
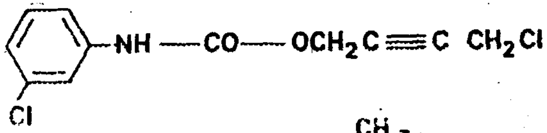
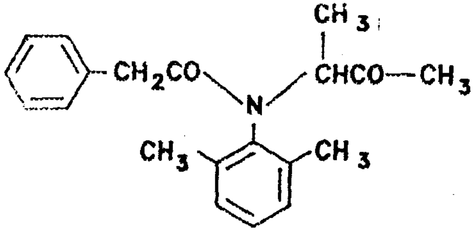
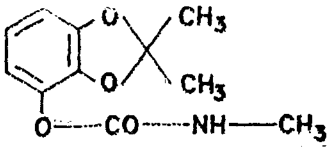
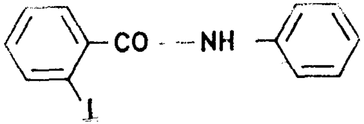
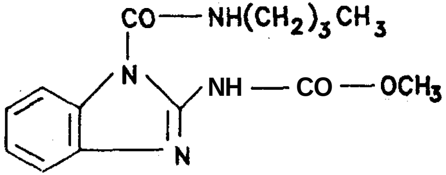
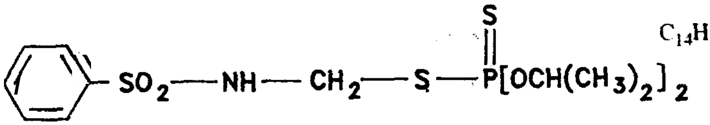
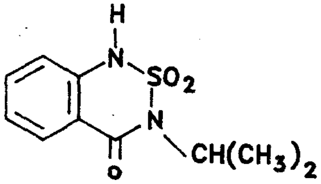
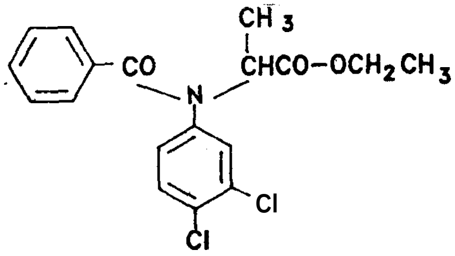
16.	azamethiphos	I	*S*-6-chloro-2, 3-dihydro-2-oxo-oxazolo- [4, 5-4 pyridin-3-ylmethyl *O,O*-dimethyl phosphorothioate]		$C_9H_{10}ClN_2O_5PS$
17.	azinphos ethyl	A I	S-(3, 4-dihydro-4-oxobenzo-[d] [1, 2, 3] triazin-3-ylmethyl) *O, O*-diethyl phosphorodithioate		$C_{12}H_{16}N_3O_3PS_2$
18.	azinphos methyl	A I	S(3, 4-dihydro-4-oxobenzo [d] [1, 2, 3] triazin-3-ylmethyl) *O, O*-dimethyl phosphorodiothioate		$C_{10}H_{12}N_3O_3PS_2$
19.	barban	H	4-chlorobut-2-ynyl 3-chlorocarbanilate		$C_{11}H_9Cl_2NO_2$
20.	benalaxyl	F	methyl N-phenylacetyl-N-2, 6-xylyl-*DL*-alaninate		$C_{20}H_{22}NO_3$
21.	bendiocarb	I	2,2-dimethyl-1, 3-benzodioxol-4-yl = methylcarbamate		$C_{11}H_{13}NO_4$

Table 1 (Continued)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
22.	henodanil	I:	2-iodobenzanilide		$C_{13}H_{10}INO$
23.	benomyl	F	methyl 1-(butylcarbamoyl) benzimidazol- 2-ylcarbamate		$C_{14}H_{19}N_4O_3$
24.	bensulide	H	S-2-benzenesulphonamidoethyl O, O-di-isoprophyl phosphrodithioate		$C_{14}H_{24}NO_4PS_3$
25.	bentazone	H	3-isopropyl-(1-*H*)-benzo-2, 1, 3-thiadiazin-4-one 2.2-dioxide		$C_{10}H_{12}N_2O_3S$
26.	benzoylpropethyl	H	ethyl-*N*-benzoyl-*N* (3, 4-dichlorophenyl)- DL-alaninate		$C_{16}H_{17}Cl_2NO_3$

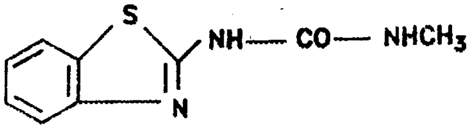
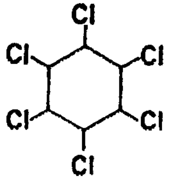
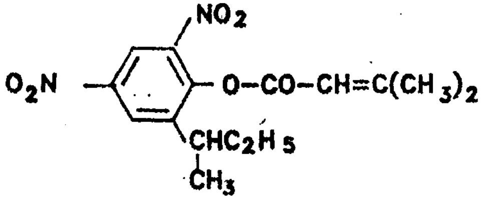
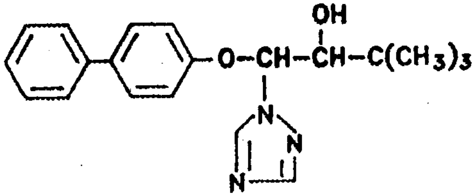
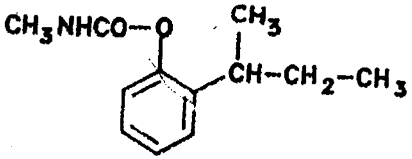
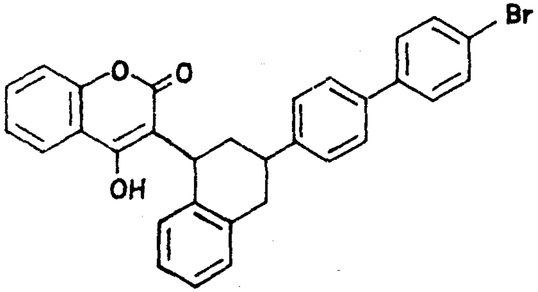
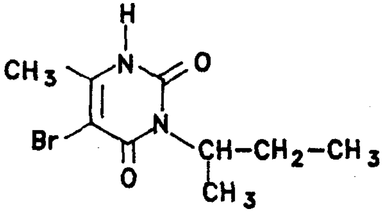
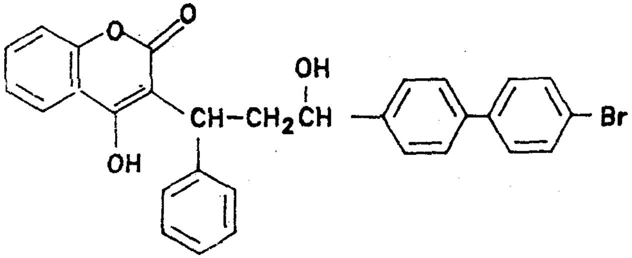
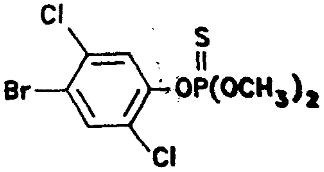
27.	benzethiazuron	H	*1*-benzothiazol-2yl-3-methylurea		$C_9H_9N_3OS$
28	BHC	I	1, 2, 3, 4, 5, 6-hexachlorocyclo = hexane (Mixed isomers)		$C_6H_6Cl_6$
29.	binapacryl	A F	2-*sec*-butyl-4, 6-dinitrophenyl 3-methylbut-2-enoate		$C_{15}H_{18}N_2O_6$
30.	bitertanol	F	*all-rac*-1-(biphenyl-4-yloxy)-3, 3-dimethyl-1-(1*H*-1, 2, 4-triazol-1-yl) butane-2-ol [ratio of racemates (1*RS*, 2*Rs*) and (1*RS*, 2*SR*) is about 20 : 80]		$C_{20}H_{23}N_3O$
31.	BPMC	I	2-*sec*-butylphenyl methylcarbamate		$C_{12}H_{17}NO_2$

Table 1 (Continued)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
32.	brodifacoum	R	3-[3-(4'-bromobiphenyl-4-yl)-1, 2, 3, 4-tetrahydro-1-naphthyl]-4-hydroxycoumarin		$C_{31}H_{23}BrO_3$
33.	bromacil	H	5-bromo-3-*sec*-butyl-6-methyluracil		$C_9H_{13}BrN_2O_2$
34.	bromadiolone	R	3-[3-(4'-bromobiphenyl-4-yl)-3-hydroxy-1-phenylpropyl]- 4 hydroxycoumarin		$C_{30}H_{23}BrO_4$
35.	bromophos	I	*O*-4-bromo-2, 5-dichlorophenyl 0, *O*-dimethyl phosphorothioate		$C_8H_2BrCl_2O_3PS$

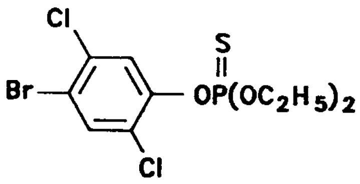
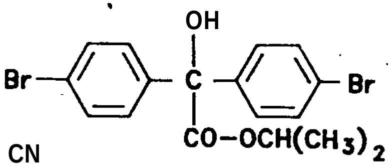
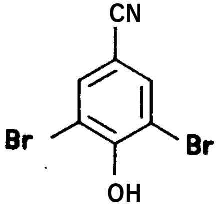
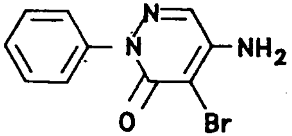
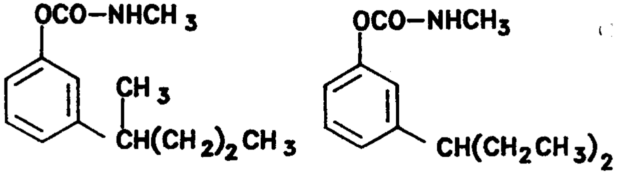
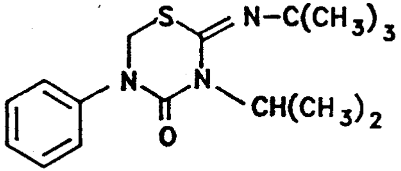
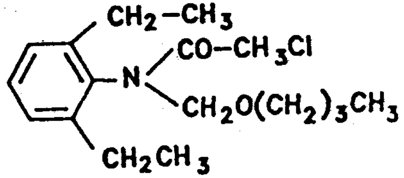
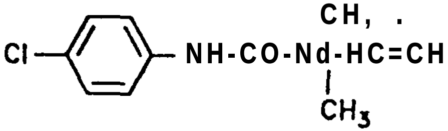
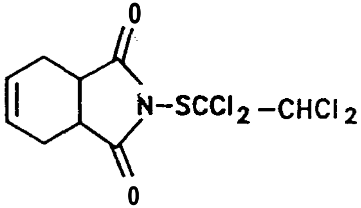
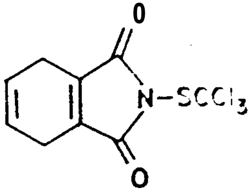
36.	hromophos-ethyl	I	*O*-4-bromo-2, 5-dicholorophenyl 0, 0-diethyl phosphorothioate		$C_{10}H_{12}BrCl_2O_3PS$
37.	bromopropylate	A	isopropyl 4, 4'-dibromobenzilate		$C_{17}H_{14}Br_2O_3$
38.	bromoxynil	H	3, 5-dibromo-4-hydroxybenzonitrile		$C_7H_3Br_2NO$
3Y.	brompyrazon	H	5-amino-4-bromo-2-phenylpyridazin-3 (2H)-one		$C_{10}H_9BrN_3O$
40.	bufencarb	I	An isomeric reaction mixture containing approximately 3 parts by mass of (i) 3-(1-methylbutyl) phenyl methylcarbamate and 1 part by mass of (ii) 3-(1-ethyl=propyl) phenyl methylcarbamate		$C_{13}H_{19}NO_2$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)		(6)
41.	buprofczin	I	2-tert-butylimino-3-isopropyl-5-phenyl-1, 3, 5-thiadiazinan-4-one		$C_{14}H_{23}N_3OS$
42.	butachlor	H	N-butoxymethyl-2-chloro-2', 6'-diethyl=acetanilide		$C_{17}H_{26}ClNO_2$
43.	buturon	H	3-(4-chlorophenyl)-1-methyl-1-(l-methyl = prop-2-ynyl) urea		$C_{12}H_{13}ClN_2O$
44.	butylate	H	S-ethyl di-isobutyl (thiocarbamate	$[(CH_3)_2CHCH_2]_2-NCO-S-CH_2-CH_3$	$C_{11}H_{23}NOS$
45.	captafol	F	*N*-(1, 1, **2,** 2-tetrachloroetylthio) cyclohex-4-ene-1, 2- dicarboximide		$C_{10}H_9Cl_4NO_2S$
46.	captan	F	*N*-(trichloromethylthio) cyclohex-4-ene-1,2-dicarboximide		$C_9H_8Cl_3NO_2S$

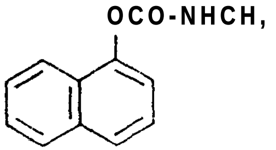
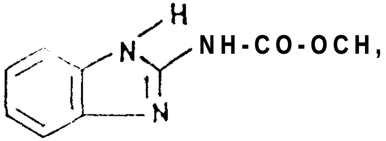
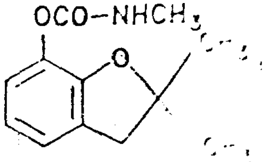
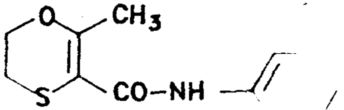
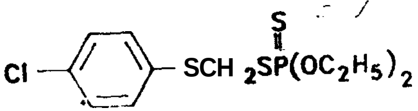
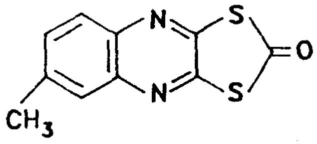
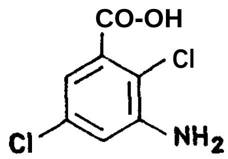
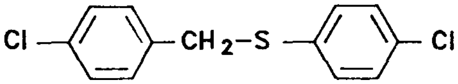
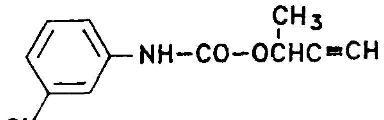
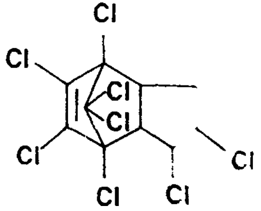
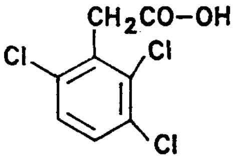
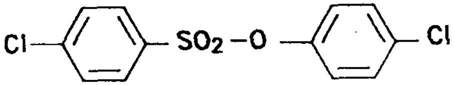
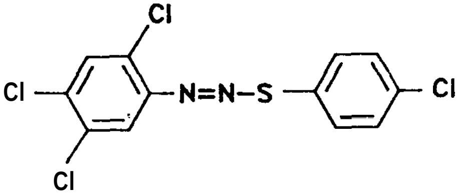
47.	carbaryl		1-naphthyl methylcarbamate		$C_{12}H_{11}NO_2$
48.	carbendazim	F	methyl benzimidazol-2-ylcarbamate		$C_9H_9N_3O_2$
49.	carbofuran	I	2, 3-dihydro-2, 2-dimethylbenzofuran-7-yl methylcarbamate		$C_{12}H_{15}NO_3$
50.	carbophe = nothion	A I	*S*-4-chlorophenylthiomethyl *O*, *O*-diethyl phosphorodithioate		$C_{11}H_{14}ClO_2PS_3$
51.	carboxin	I	5, 6-dihydro-2-methyl-1, 4-oxathi-ine-3-carboxanilide		$C_{12}H_{13}NO_2S$
52.	cartap	I	*S*, *S*'-2-dimethylaminotrimethylene bis (thiocarbamate)	$(CH_3)_2NCH(CH_2SCONH_2)_2$	$C_7H_{15}N_3O_2S_2$
53.	chinomethi = onate	A F	6-methyl-1, 3-dithiolo[4, 5-*b*] = quinoxalin-2-one		$C_{10}H_6N_2OS_2$
54.	chloramben	H	3-amino-2, 5-dichlorobenzoic acid		$C_7H_5Cl_2NO_2$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
55.	chlorbenside	A	4-chlorobenzyl 4-chlorophenyl sulphide		$C_{13}H_{10}Cl_2S$
56.	chlorbufam (BIPC)	II	1-methylprop-2-ynyl 3-chlorocarbanilate		$C_{11}H_{10}ClNO_2$
57.	chlordane	I	1, 2, 4, 5, 6, 7, 8, 8-octachloro-2, 3, 3a, 5, 7. 7a-hexahydro-4, 7-methanoindene		$C_{10}H_6Cl_8$
58.	chlorfenac	H	(2, 3, 6-trichlorophenyl) acetic acid		$C_8H_5Cl_3O_2$
59.	chlorfenson	A	4-chlorophenyl 4-chlorobenzene = sulphonate		$C_{12}H_8Cl_3O_3S$
60.	chlorfensul = phide	A	4-chlorophneyl 2, 4, 5-trichloro = benzenediazosulphide		$C_{12}H_6Cl_4N_2S$

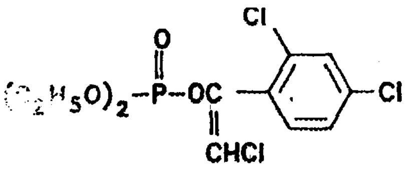
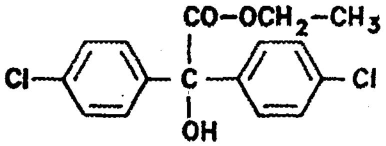
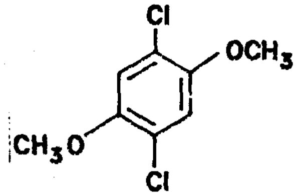
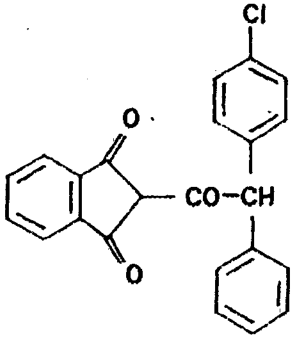
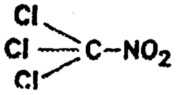
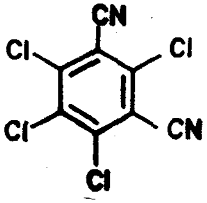
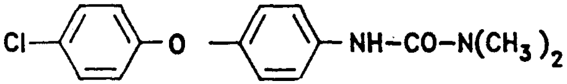
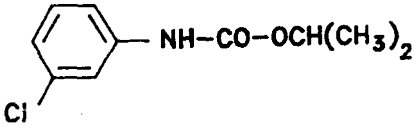
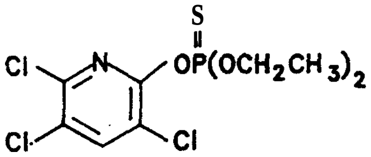
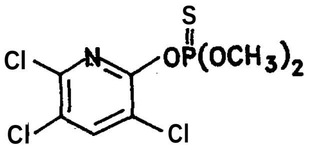
61.	chlorfenvinphos	I	2-chloro-1-(2, 4-dichlorophenyl) vinyl diethyl phosphate		$C_{12}H_{14}Cl_3O_4P$
62.	chlormequat (It should be stated which anion is present, for example, chlormequat chloride)	P	2-chloroethyltrimethyl = ammonium ion	$ClCH_2CH_2N^+(CH_3)_3$	$C_5H_{13}ClN$
63.	chlorobenzilate	A	ethyl 4, 4'-dichlorobenzilate		$C_{16}H_{14}Cl_2O_3$
64.	chloroneb	F	1,4-dichloro-2, 5-dimethoxybenzene		$C_8H_9Cl_2O_2$
65.	chloropha = cinone	R	2-[2-(4-chlorophenyl)-2-phenyl=acetyl] indan-1, 3-dione		$C_{23}H_{15}ClO_3$
66.	chloropicrin	I	trichloronitromethane		CCl_3NO_2

Table 1 (Continued)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
67.	chlorothalonil	F	tetrachloruisophthalonitrile		$C_9Cl_4N_2$
68.	chloroxuron	H	3-[4-(4-chlorophenoxy) phenyl]-1, 1-dimethylurea		$C_{15}H_{15}ClN_2O_2$
69.	chlorpropham	H	isopropyl 3-chlorophenylcarbamate		$C_{10}H_{12}ClNO_2$
70.	chlorpyrifos	I	0, O-diethyl O-3, 5,6-trichloro-2-pyridyl phosphorothioate		$C_9H_{11}Cl_3NO_3PS$
71.	Chlorpyrifos methyl	I	O, 0-dimethyl O-3, 5, 6-trichloro-2-pyridyl phosphorothioate		$C_7H_7Cl_3NO_3PS$

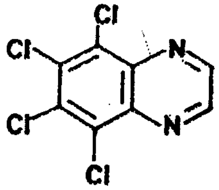
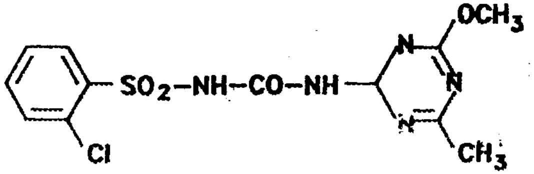
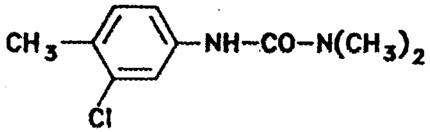
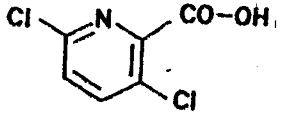
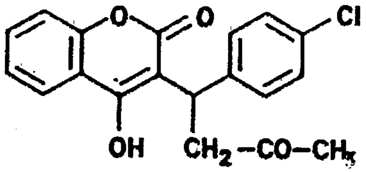
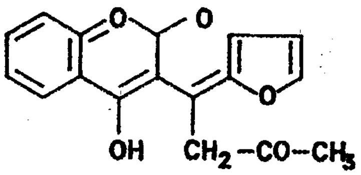
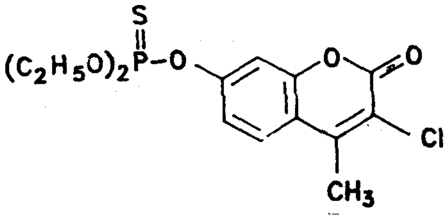
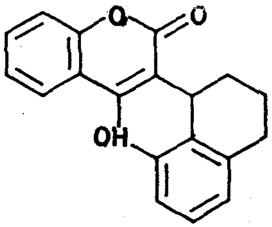
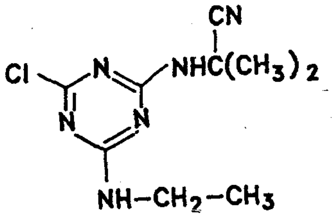
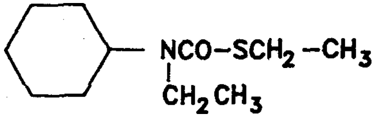
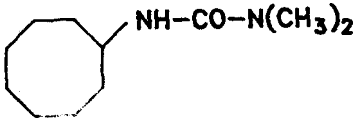
72.	chlorquinox	F	5, 6, 7, 8-tetrachloroquinoxaline		$C_8H_2Cl_4N_2$
73.	chlorsulfuron (cinosulfuron)	H	1-(2-chlorophenylsulphonyl)-3-(4-meth = oxy-6-methyl-1, 3, 5- triazin-2-yl) urea		$C_{12}H_{12}ClN_5O_4S$
74.	chlortoluron	H	3-(3-chloro-*p*-tolyl)-1, 1-dimethylurea		$C_{10}H_{13}ClN_2O$
75.	clopyralid	H	3, 6-dichloropyridine-2-carboxylic acid		$C_6H_3Cl_2NO_2$
76.	coumachlor	R	3-[1-(4-chlorophenyl)-3-oxobutyl]-4-hydroxycoumarin		$C_{19}H_{15}ClO_4$
77.	coumafuryl	R	3-[1-(2-furyl)-3-oxobutyl]-4-hydroxycoumarin		$C_{17}H_{14}O_5$

Table 1 (Continued)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
78.	coumaphos	I	*O*-3-chloro-4-methyl-2-oxo-2*H*-chromen 7-yl 0, *O*-diethyl phor phorothioate		$C_{14}H_{16}ClO_5PS$
79.	**coumatetralyl**	R	4-hydroxy-3-(1, 2, 3, 4-tetrahydro-1-. naphthyl) coumarin		$C_{19}H_{14}O_3$
80.	cyanazine	H	2-(4-chloro-6-ethylamino-1, 3, 5-triazin-2-ylamino)-2-methylpropionitrile		$C_9H_{13}ClN_6$
81.	cycloate	H	S-ethyl *N*-cyclohexyl-*N*-ethyl(thiocarbamate)		$C_{11}H_{21}NOS$
82.	Cycluron	H	3-cyclooctyl-1, 1-dimethylurea		$C_{11}H_{22}N_2O$

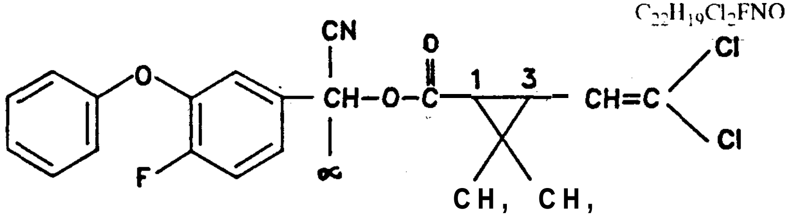
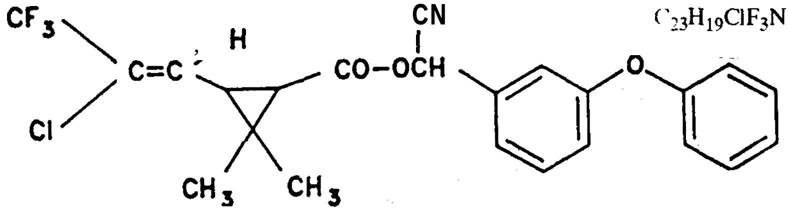
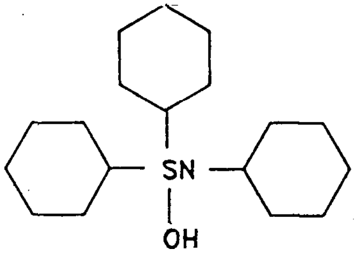
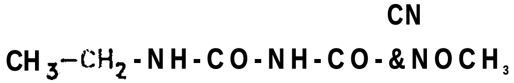
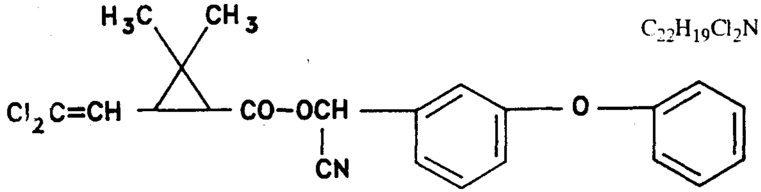
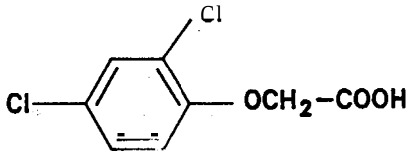
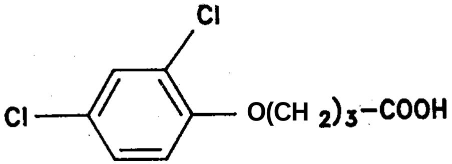
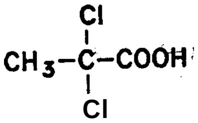
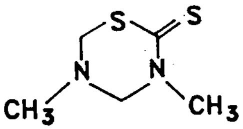
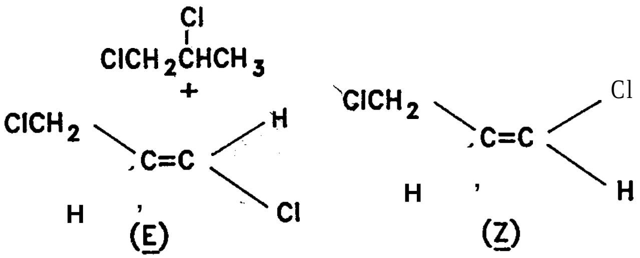
83.	cyfluthrin	I	cyano-(4-fluoro-3-phenoxyphenyl)-methyl-3- (2, 2-dichloroethyl)-2, 2-dimethyl-cyclopropane carboxylate		$C_{22}H_{19}Cl_2FNO_3$
84.	Cyhalothrin	I	(*RS*)-*alpha*-cyano-3-phenoxybenzyl(*Z*) -(1*RS*, 3*RS*)-(2-Chloro-3, 3,3- tri-fluoropropenyl)-2, 2-dimethyl-cyclopropane = carboxylate		$C_{23}H_{19}ClF_3NO_3$
85.	cyhexatin	A	tricyclohexyltin hydroxide		$C_{19}H_{34}OSn$
86.	cymoxanil	F	1-(2-cyano-2-methoxyiminoacetyl)-3-ethylurea	 $CH_3{-}CH_2\text{-}NH\text{-}CO\text{-}NH\text{-}CO\text{-}\overset{CN}{\&}NOCH_3$	$C_7H_{10}N_4O_3$
87.	cypermethrin	I	(*RS*)-*alpha*-cyano-3-phenoxybenzyl(1*RS*)-*cis-trans*-3-(2,2- dichlorovinyl)-2, 2-dimethylcyclopropanecarboxylate		$C_{22}H_{19}Cl_2NO_3$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
88.	2,4-D	H	(2, 4-dichlorophenoxy) acetic acid		$C_9H_6Cl_2O_3$
89.	**dalapon**	H	2, 2-dichloropropionic acid		$C_3H_4Cl_2O_2$
90.	daminozide	H	N-dimethylaminosuccinamic acid	 $CH_3-\overset{Cl}{\underset{Cl}{C}}-COOH$	$C_6H_{12}N_2O_3$
91.	dazomet	F	tetrahydro-3, 5-dimethyl-1, 3, 5-thiadiazine-Zthione	$(CH_3)_2NNHCO-CH_2CH_2COOH$	$C_5H_{10}N_2S_2$
92.	2, 4-DB	H	4-(2, 4-dichlorophenoxy) butyric acid		$C_{10}H_{10}Cl_2O_3$
93.	DBCP	N	1, 2-dibromo-3-chloropropane	$Br-CH_2-CHBr-CH_2Cl$	$C_3H_5Br_2Cl$
94.	D-D mixture	I N	Reaction mixture of 1, 2-dichloropropane (see Sl No. 109) and 1, 3-dichloropropene (see Sl No. 110)		$C_3H_6Cl_2+C_3H_4Cl_2$

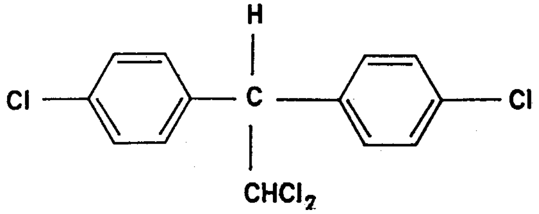
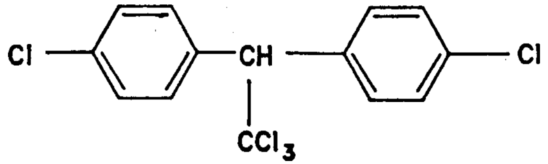
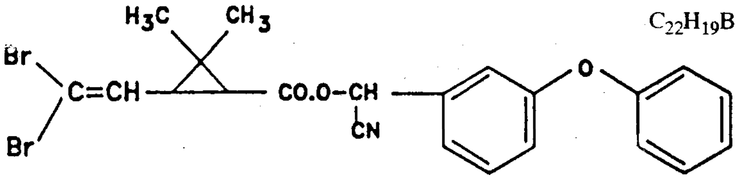
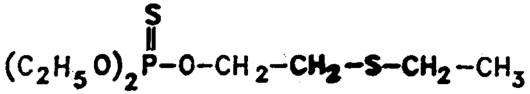
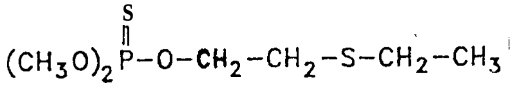
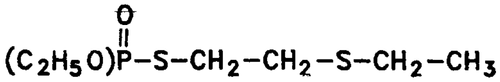
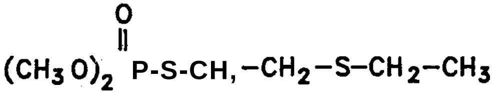
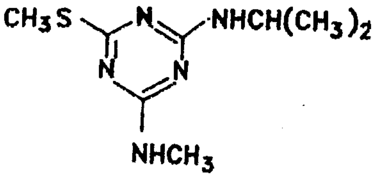
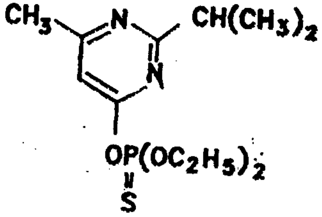
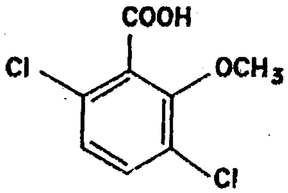
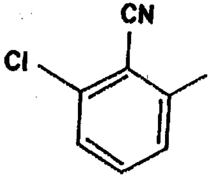
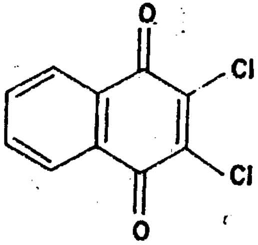
95.	DDD	I	1, 1-dichloro-2, 2-bis(4-chlorohenyl) ethane		$C_{14}H_{10}Cl_4$
96.	DDT	I	1, 1, 1-trichloro-2, 2-bis (4-chlorophenyl)-ethane		$C_{14}H_9Cl_5$
97.	delthamethrin	I	(*S*)- alpha-cyano-3-phenoxybenzyl (1*R*)-*cis*-3-(2,2-dibromovinyl)-2, 2-dimethyl =cyclopropanecarboxylate		$C_{22}H_{19}Br_2NO_3$
98.	demeton-0	A I	*O,O*-diethyl *O*-2-ethylthioethyl phos = phorothioate	 $(C_2H_5O)_2\overset{\underset{\|}{S}}{P}-O-CH_2-CH_2-S-CH_2-CH_3$	$C_8H_{19}O_3PS_2$
99.	demeton-O-methyl	A I	*O*-2-ethylthioethyl 0 , *O*-dimethyl phos = phorothioate	 $(CH_3O)_2\overset{\underset{\|}{S}}{P}-O-CH_2-CH_2-S-CH_2-CH_3$	$C_6H_{15}O_3PS2$
100.	demeton-S	A I	0, *O*-diethyl S-2-ethylthioethyl phos = phorothioate	 $(C_2H_5O)\overset{\underset{\|}{O}}{P}-S-CH_2-CH_2-S-CH_2-CH_3$	$C_9H_{19}O_3PS_2$
101.	demeton-S-methyl	A I	*S*-2-ethylthioethyl 0, 0-dimethyl phos = phorothioate	 $(CH_3O)_2\ \overset{\underset{\|}{O}}{P}\text{-S-CH,}-CH_2-S-CH_2-CH_3$	$C_6H_{15}O_3PS_2$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
102.	desmetryne	H	2-isopropylamino-4-methylamino-6-methylthio-1, 3, 5-triazine		$C_8H_{15}N_5S$
103.	diazinon	A I	*O, O*-diethyl *O*-2-isopropyl-6-methyl = pyrimidin-4-yl phosphorothioate		$C_{12}H_{21}N_2O_3PS$
104.	dibromo-chloropropane	N	1, 2-dibromo-3-chloropropane	$BrCH_2CHBrCH_2Cl$	$C_3H_5Br_2Cl$
105.	dicamba	H	3, 6-dichloro-*O*-anisic acid		$C_8H_6Cl_2O_3$
106.	dichlobenil	H	2, 6-dichlorobenzonitrile		$C_7H_3Cl_2N$
107.	dichlone	F	2, 3-dichloro-1, 4-naphthoquinone		$C_{10}H_4Cl_2O_2$

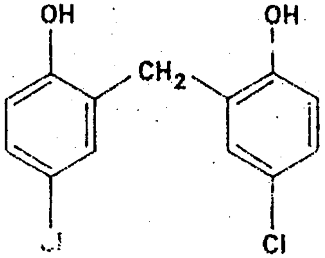
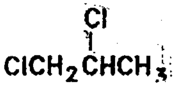
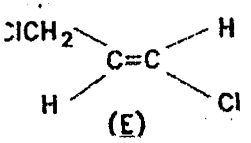
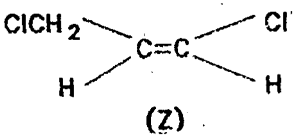
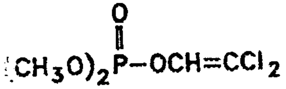
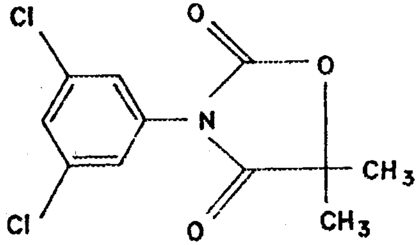
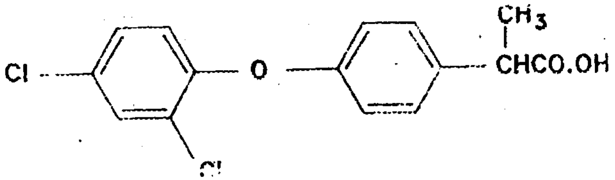
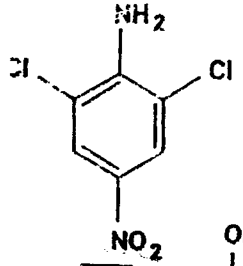
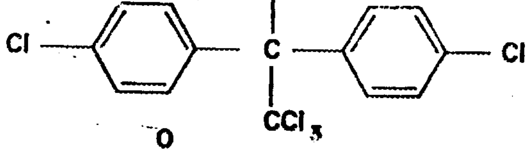
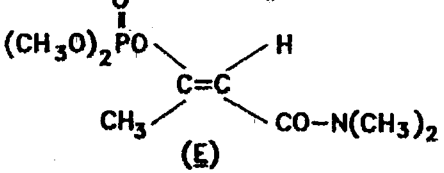
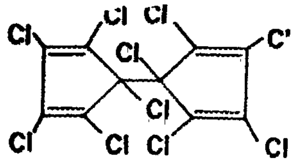
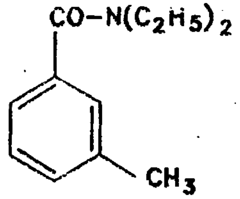
108.	dichlorophen	F B	4, 4'-dichloro-2, 2' methylenediphenol		$C_{13}H_{10}Cl_2O_2$
109.	1, 2-dichlo =ropropane	I	1, 2-dichloropropane	 $ClCH_2\overset{Cl}{C}HCH_3$	$C_3H_6Cl_2$
110.	1, 2-diohlo = ropropene	I N	1,2-dichoropropene	 (E)  (Z)	$C_3H_4Cl_2$
111.	dichlorvos	I	2, 2-dichlorovinyl dimethyl phosphate	 $(CH_3O)_2\overset{O}{\overset{\Vert}{P}}-OCH=CCl_2$	$C_4H_7Cl_2O_4P$
112.	dichlozoline	F	3-(3,5-dichlorophenyl)-5, 5-dimethyl = oxazolidine-2, 4-dione		$C_{11}H_9Cl_8NO_3$
113.	[illegible] methyl	H	methyl (*RS*) -2-[4-(2, 4-(2, 4 dichlorophenoxy) phenoxy] propionic acid		$C_{16}H_{14}Cl_2O_4$

Table 1 (*Continued*)

Sl No. (1)	Common Name (2)	Use (3)	Chemical Name (4)	Chemical Structure (5)	Molecular Formula (6)
114.	dicloran	F	2,6-dichloro-4-nitroaniline		$C_6H_4Cl_2N_2O_2$
115.	dicofol	A	2, 2, 2-trichloro-1, 1-bis(4 chlorophenyl) ethanol		$C_{14}H_9Cl_5O$
116.	dicrotophos	I	(*E*)-2-dimethylcarbamoyl)-1-methylvinyl dimethyl phosphate		$C_8H_{16}NO_5P$
117.	dieldrin	I	product containing 85 percent of HEOD (*see later*)		$C_{12}H_8Cl_6O$(HEOD)
118.	dienochlor	A	perchloro-1, 1'bicyclopenta-2, 4-dienyl		$C_{10}Cl_{10}$
119.	diethyl = toluamide	I	*N*, *N*-diethyl-*m*-toluamide		$C_{12}H_{17}NO$

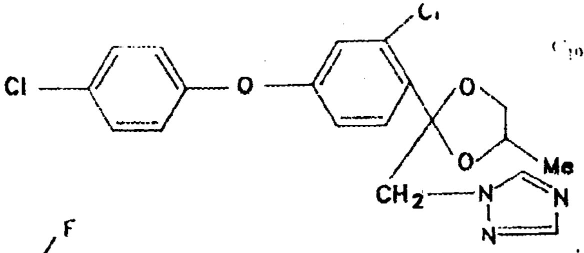
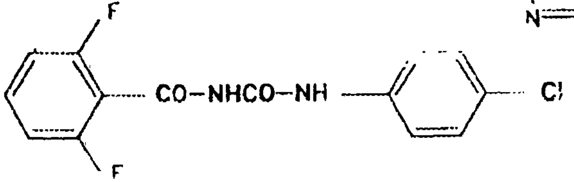
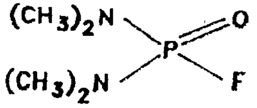
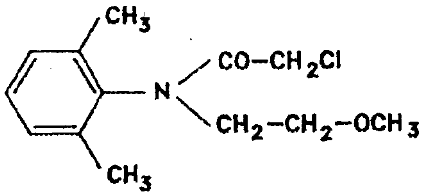
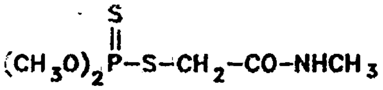
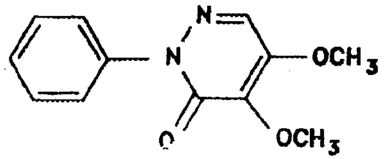
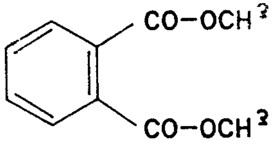
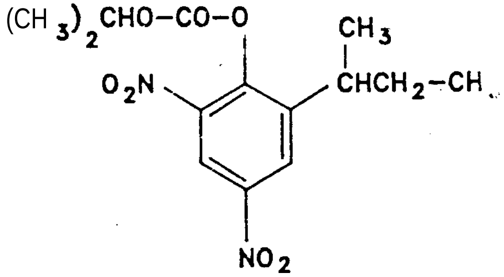
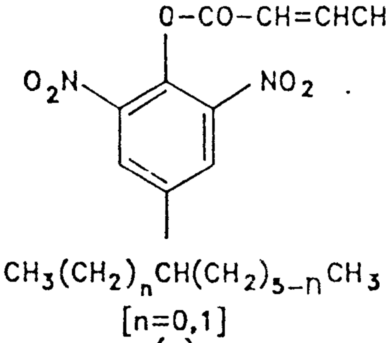
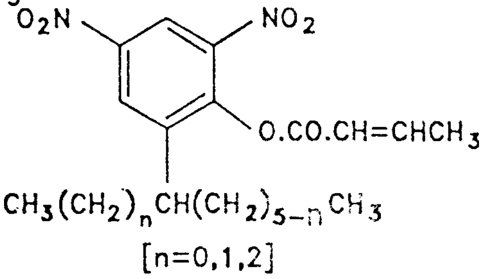
120.	defenoconazole	F	3-chloro-4-[4-methyl-2-(1H-1, 2, 4-traiazol = -1-yimethyl)-1,3- dioxolan-2-yl] phenyl-4-chlorophenyl ether		$C_{10}H_{17}Cl_2N_3O_3$
121.	diflubenzuron	I	1-(4-chlorophenyl)-3-(2, 6-difluoro = benzoyl) urea		$C_{14}H_9ClF_2N_2O_2$
122.	dimefox	A I	bis (dimethylamine) fluorophosphine oxide		$C_4H_{12}FN_2OP$
123.	dimethachlor	H	2-chloro-*N*-(2-methoxyethyl) acet-2', 6'-xylidide		$C_{13}H_{19}ClNO_2$
124.	dimethoate	A I	*O, O*-dimethyl *S*-methylcarbamoyl-methyl phosphorodithioate	 $(CH_3O)_2\overset{S}{\overset{\|}{P}}-S-CH_2-CO-NHCH_3$	$C_5H_{12}NO_3PS_2$
[illegible]5.	dimethyl phthalate	I	dimethyl phthalate		$C_{10}H_{10}O_4$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
126	dimidazon	H	4, 5-dimethoxy-2-phenylpyridazin-3 (2*H*)-one		$C_{12}H_{12}N_2O_3$
127	dinobuton	F	2-*sec*-butyl-4, 6-dinitrophenyl isopropyl carbonate		$C_{14}H_{12}N_2O_7$
128.	dinooap	A F	An isomeric reaction mixture of (i) 2. 6-dinitro-4-octylphenyl crotonates and (if) 2. 4-dinitro-6-octylphenyl crotonates NOTE — The mixture normally contains between 4 and 5 parts of isomers of 2, 4-dinitro-6octylphenyl crotonates to 2 parts of the isomers of 2, 6-dinitro-4-octylphenyl crotonates	 O–CO–CH=CHCH3 O2N NO2 CH3(CH2)nCH(CH2)5–nCH3 [n=0,1] (a)  O2N NO2 O.CO.CH=CHCH3 CH3(CH2)nCH(CH2)5–nCH3 [n=0,1,2] (b)	$C_{18}H_{24}N_2O_6$

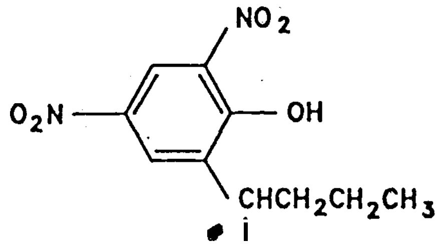
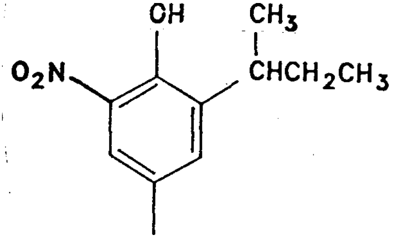
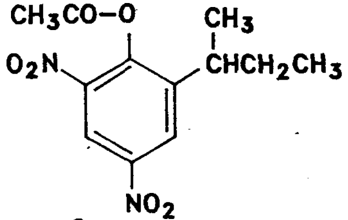
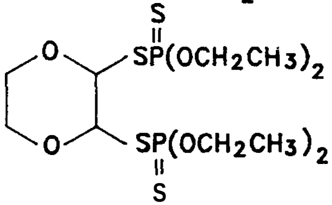
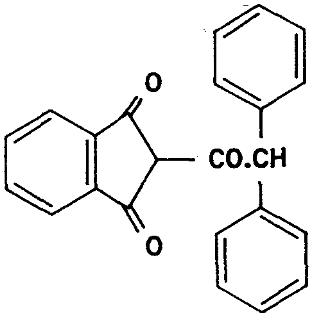
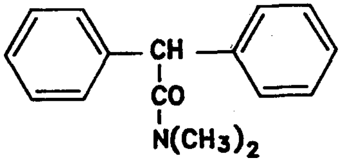
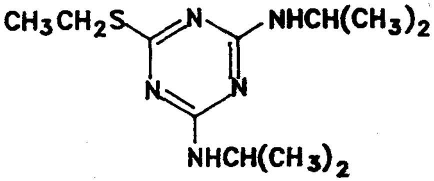
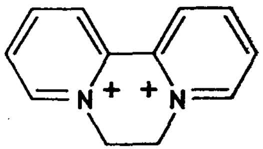
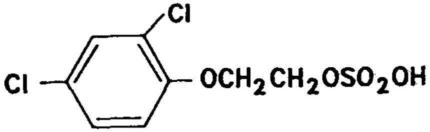
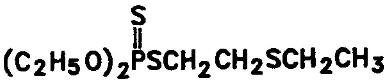
129.	**dinosam**	**H** I	2-(1-methylbutyl)-4, 6-dinitrophenol		$C_{11}H_{14}N_2O_5$
130.	dinoseb	H	2-*sec*-butyl-4, 6-dinitrophenol		$C_{10}H_{12}N_2O_3$
131.	dinoseb acetate	H	2-*sec*-butyl-4, 6-dinitrophenyl acetate		$C_{12}H_{14}N_2O_4$
132.	dioxathion	I	*S, S'*-(1, 4-dioxane-2, 3-diyl) *O, O, O'*, *O'*-tetraethyl bis(phosphorodithioate)		$C_{12}H_{26}O_6P_2S_4$
133.	diphacinone	R	2-(diphenylacetyl) indan-1,3-dione		$C_{23}H_{16}O_3$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
134.	diphenamid	H	*N*, N-dimethyldiphenylactamide		$C_{16}H_{17}NO$
135.	dipropetryn	H	2-ethylthio-4, 6-bis (isopropylamino)-1, 3, 5-triazine		$C_{11}H_{21}N_5S$
136.	diquat (it should be stated which anion is present, for instance diquat dibromide or diquat dichloride)	H	9, 10-dihydro-8a, 10a-diazoniaphenanthrene ion		$C_{12}H_{12}N_2$
137.	disul	H	2-(2,4-dichlorophenoxy) ethyl hydrogen sulphate		$C_8H_8Cl_2O_5S$
138.	disulfoton	I	0, 0-diethyl *S*-2-ethylthioethyl phosphorodithioate	 $(C_2H_5O)_2\overset{\overset{S}{\|}}{P}SCH_2CH_2SCH_2CH_3$	$C_8H_{19}O_2PS_3$

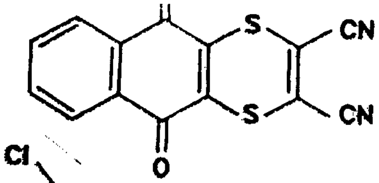
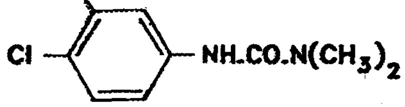
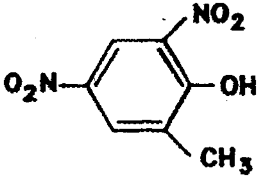
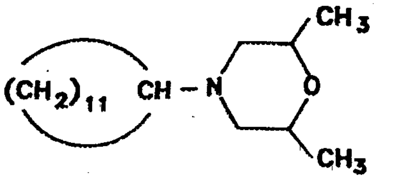
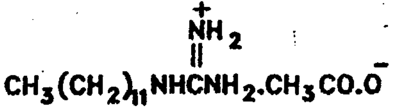
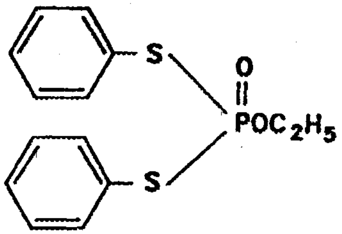
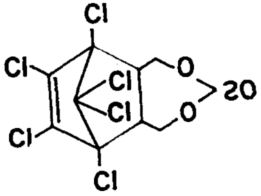
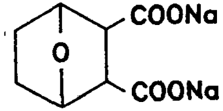
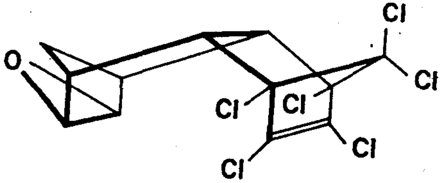
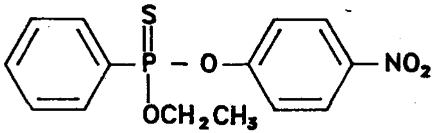
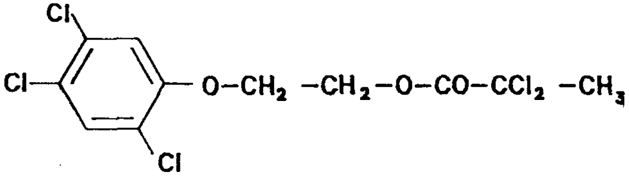
139.	dithianon	F	2, 3-dicyano-1, 4-dithia-anthraquinone		$C_{14}H_4N_2O_2S_2$
140.	diuron	H	3-(3, 4-dichlorophenyl)-1, 1-dimethyl-urea		$C_9H_{10}Cl_2N_2O$
141.	DNOC	H I	4, 6-dinitro-*O*-cresol		$C_7H_6N_2O_5$
142.	dodemorph	F	4-cyclododecyl-2, 6-dimethylmorpholine		$C_{18}H_{33}NO$
143.	dodine	F	1-dodecylguanidinium acetate	 $CH_3(CH_2)_{11}NH\overset{\overset{+}{N}H_2}{\overset{\|}{C}}NH_2.CH_3CO.\bar{O}$	$C_{15}H_{33}N_3O_2$
144.	edifenphos	F	*O*-ethyl *S, S*-diphenyl phosphorodithioate		$C_{14}H_{15}O_2PS_2$

Table 1 (*Continued*)

Sl No. (1)	Common Name (2)	Use (3)	Chemical Name (4)	Chemical Structure (5)	Molecular Formula (6)
145.	endosulfan	A I	6, 7, 8, 9, 10-hexachloro-1, 5, 5a, 6, 9, 9a-hexahydro-6, 9- methano-2, 4, 3-benzodi-oxathiepin 3-oxide		$C_9H_6Cl_6O_{35}$
146.	endothalsodium	H	disodium 7-oxabicyclo[2. 2. 1] heptane-2,3-dicarboxylate		$C_8H_8Na_2O_5$
147.	endrin	I V	1, 2, 3, 4, 10, 10-hexachloro-6, 7-epoxy-l, 4, 4a, 5, 6, 7, 8, 8a-octahydro-*endo*-1, 4-*exo*-5, 8-dimethanonaphthalene		$C_{12}H_8Cl_6O$
148.	EPN	I	O-ethyl 0-4-nitrophenyl phenylphos = . phonothioate		$C_{14}H_{14}NO_4PS$
149.	EPTC	H	S-ethyl dipropyl (thiocarbamate)	$[CH_3(CH_2)_2]_2NCO-SCH_2CH_3$	$C_9H_{19}NOS$
150.	erbon	H	2-(2, 4, 5-trichlorophenoxy) ethyl-2, 2dichloropropionate		$C_{11}H_9Cl_5O_3$

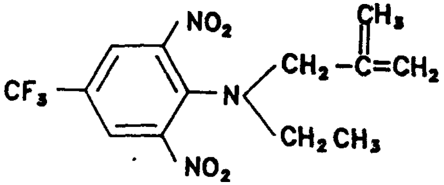
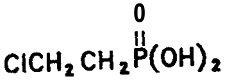
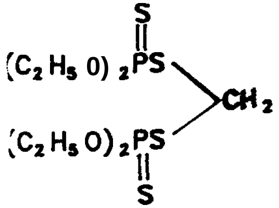
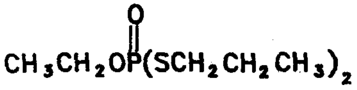
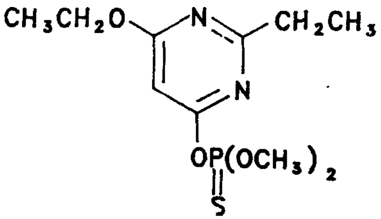
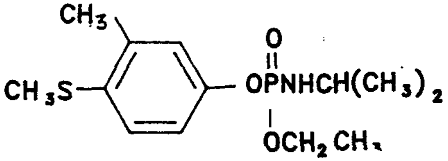
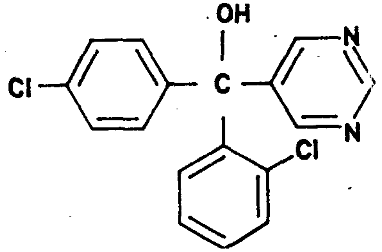
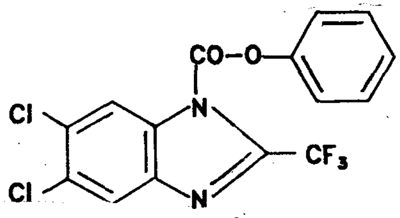
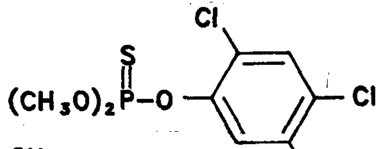
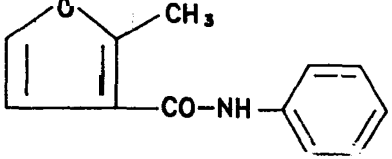
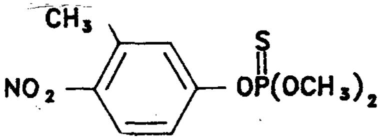
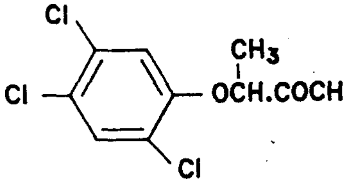
1.51.	ethalfluralin	H	N-ethyl-N-(methylallyl)-2, 6-dinitro-4-trifluoromethylaniline		$C_{13}H_{14}F_3N_3O_4$
152.	ethepon	H	2-chloroethylphosphonic acid		$C_2H_6ClO_3P$
153.	ethion	A I	*O*, *O*, *O'*, *O'*-tetraethyl *S*, *S'*-methylene-bis (phosphorodithioate)		$C_9H_{22}O_4P_2S_4$
154.	ethoprophos	N	O-ethyl *S*, S-dipropyl phosphorodithioate		$C_8H_{19}O_2PS_2$
155.	etrimfos	I	0-6-ethoxy-2-ethylpyrimidin-4-yl 0, 0-dimethyl phosphorothioate		$C_{10}H_{17}N_2O_4PS$
156.	fenamiphos	N	ethyl, 3-methyl-4-(methylthio)-phenyl isopropyl = phosphoramidate		$C_{13}H_{22}NO_3PS$

Table 1 (*Continued* **)**

Sl No.	**Common Name**	**Use**	**Chemical Name**	**Chemical Structure**	**Molecular Formula**
(1)	(2)	(3)	(4)	(5)	(6)
157.	fenarimol	F	(±)-2, 4'-dichloro-*alpha*-(pyrimidin-5-yl) benzhydryl alcohol		$C_{17}H_{12}Cl_2N_2O$
158.	fenazaflor	A I	phenyl 5, 6-dichloro-2-trifluoromethylbenzimidazole-l-carboxylate		$C_{15}H_7Cl_2$
159.	**fenchlorphos**	I	0, 0-dimethyl *O*-2, 4, 5-trichlorophenyl phosphorothioate		$C_8H_8Cl_3O_3PS$
160.	fenfuram	F	2-methyl-3-furanilide		$C_{12}H_{11}NO_2$
161.	fenitrothion	I	0, *O*-dimethyl *O*-4-nitro-*m*-tolyl phosphorothioate		$C_9H_{12}NO_5PS$
162.	fenoprop	H	(±)-2-(2, 4, 5-trichlorophenoxy) propionic acid		$C_9H_7Cl_3O_3$

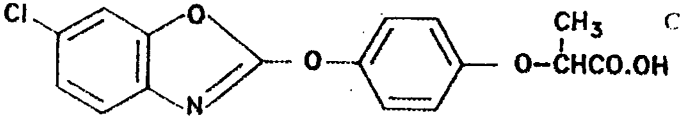
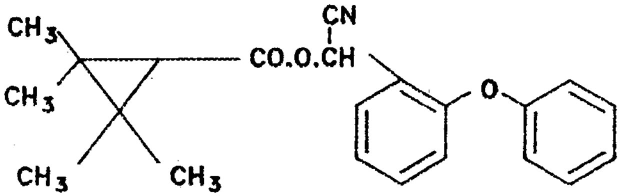
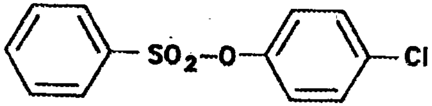
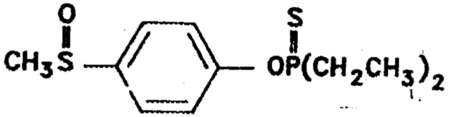
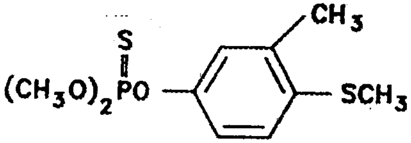
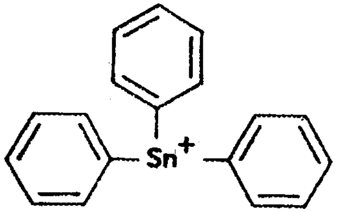
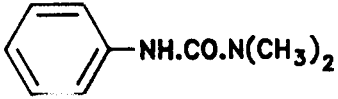
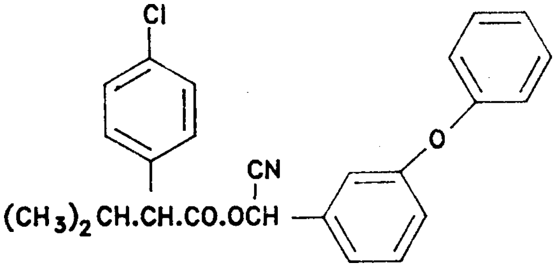
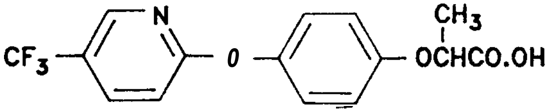
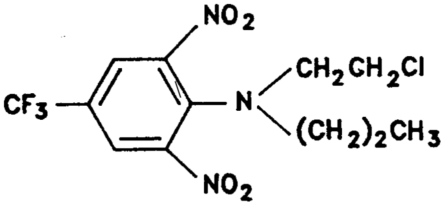
163.	fenoxaprop	H	(±)-2-[4-(6-chlorobenzoxazol-2-yloxy) phenoxy] propionic acid		$C_{16}H_{12}ClNO_5$
164.	fenpropathrin	I	(*RS*)-*alpha*-cyano-3-phenoxybenzyl 2, 2, 3, 3- tetramethylcyclopropanecarboxylate		$C_{22}H_{23}NO_3$
165.	fenson	A	4-chlorophenyl benzenesulphonate		$C_{12}H_9ClO_3S$
166.	fensulfothion	I	*O*, *O*-diethyl *O*-4-methylsulphinylphenyl phosphorothioate		$C_{11}H_{17}O_4PS_2$
167.	fenthion	I	*O*, *O*-dimethyl *O*-4-methylthio-*m*-tolyl phosphorothioate		$C_{10}H_{15}O_3PS_2$
168.	fentin	F	triphenyltin (IV)		$C_{18}H_{15}Sn$

Table 1 (*Continued*)

Sl No;	**Common** Name	**Use**	Chemical **Name**	**Chemical Structure**	**Molecular Formula**
(1)	(2)	(3)	(4)	(5)	(6)
169.	fenuron	H	1, 1-dimethyl-3-phenylurea		$C_9H_{12}N_2O$
170.	fenvalerate	I	(RS)-*alpha*-cyano-3-phenoxybenzyl-(*RS*)-2-(4-chlorophenyl)-3-methylbutyrate		$C_{25}H_{22}ClNO_3$
171.	ferbam	F	iron tris (dimethyldithiocarbamate)	$[(CH_3)_2NCS.S^-]_3 Fe^{3+}$	$C_9H_{18}FeN_3S_6$
172.	fluazifop	H	(*RS*)-2-[4-(5-trifluoromethyl-2pyridyloxy) phenoxy] propionic acid		$C_{15}H_{12}F_3NO_4$
173.	fluchloralin	H	*N*-(2-chloroethyl)-*alpha,* alpha *alpha*-trifluoro-2, 6-dinitro-*N*- propyl-P-toluidine		$C_{12}H_{13}ClF_3N_3O_4$

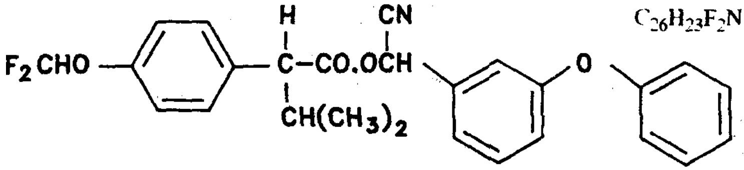
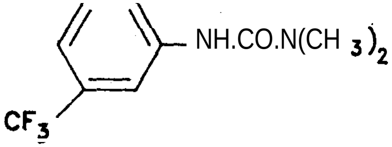
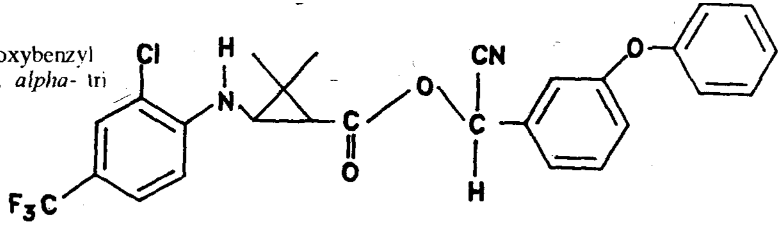
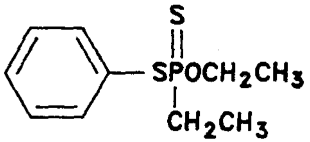
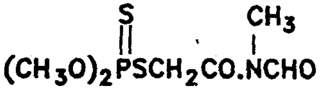
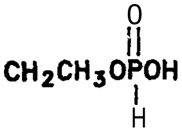
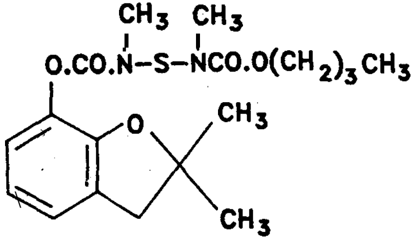
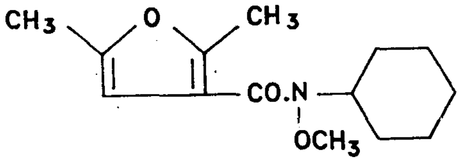
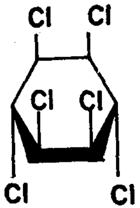
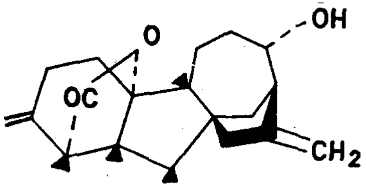
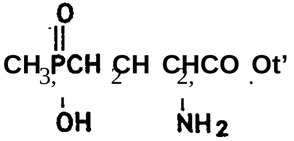
174.	flucythrinate	I	(*RS*)-*alpha*-cyano-3-phenoxybenzyl(*S*) -2-(4-difluoromethoxyphenyl)- 3 methylbutyrate		$C_{26}H_{23}F_2NO_4$
175.	fluometuron	H	1, 1-dimethyl-3-(alpha, *alpha, alpha*-trifluoro-*m*-tolyl) urea		$C_{10}H_{11}F_3N_2O$
176.	fluvalinate	I	(*RS*)-*alpha*-cyano-3-phenoxybenzyl *N*-(2-chloro-*alpha, alpha, alpha*- trifluoro-*p*-tolyl)-*D*-valinate		$C_{26}H_{22}ClF_3N_2O_3$
177.	fonofos	I	O-ethyl S-phenyl (*RS*)-ethyl phosphonodithioate		$C_{10}H_{15}OPS_2$
178.	formothion	A I	*S*-(*N*-formyl-*N*-methylcarbamoylmethyl) -*O*,*O*-dimethyl phosphorodithioate	 $(CH_3O)_2\overset{\overset{S}{\|}}{P}SCH_2CO.\overset{\overset{CH_3}{\mid}}{N}CHO$	$C_6H_{12}NO_4PS_2$
179.	fosetyl	F	ethyl hydrogen phosphonate	 $CH_2CH_3O\underset{\underset{H}{\mid}}{\overset{\overset{O}{\|}}{P}}OH$	$C_2H_7O_3P$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
180.	furathiocarb	I	butyl 2,3-dihydro-2, 2-dimethylbenzofuran-7-yl N , *N*-dimethyl-*N*. *N*-dithiocarbamate		$C_{18}H_{26}N_2O_5S$
181.	furrnecyclox	F	methyl N-cyclohexyl-2, 5-dimethylfuran-3-carbohydroxamate		$C_{14}H_{21}NO_3$
182.	gamma-HCH or *gamma*-BHC	I	(1, 2, 4, 5/3, 6)-1, 2, 3, 4, 5, 6-hexachlorocyclohexane		$C_6H_6Cl_6$
183.	gibberellic acid	P	(3S, 3aS, 4S, 4aS, 7S, 9aR, 9bR, 12S)-7, 12-dihydroxy-3-methyl-6-methylene-2-oxoperhydro-4a, 7-methano-9b, 3-propeno- [1, 2-bifuran-4] carboxylic acid		$C_{19}H_{22}O_6$
184.	glufosinate	H	*DL*-homoalanin-4-yl (methyl) phosphinic acid	 $CH_3\underset{OH}{\overset{\overset{O}{\|}}{P}}CH_2CH_2\underset{NH_2}{C}HCOOH$	$C_5H_{12}NO_4P$

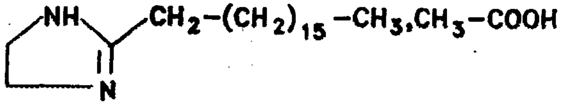
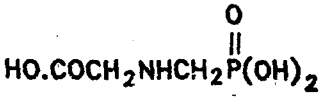
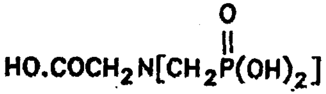
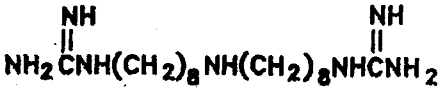
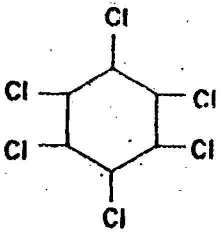
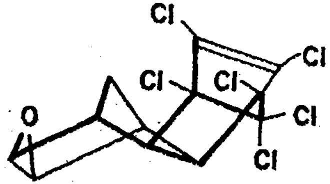
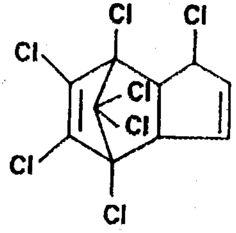
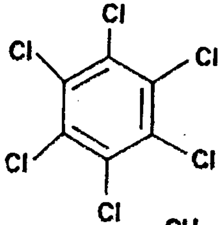
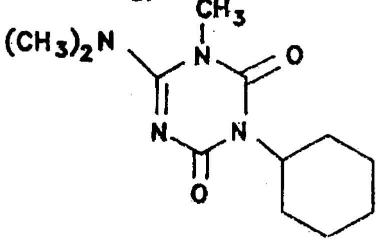
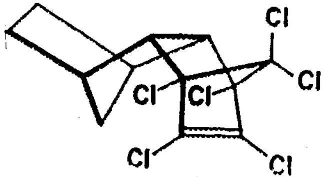
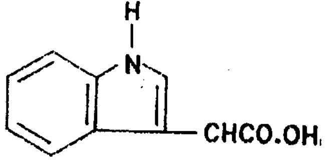
185.	glyodin	F	2-heptadecyl-2-imidazoline acetate		$C_{22}H_{44}N_2O_2$
186.	glyphosate	H	*N*-(phosphonomethyl) glycine	 $HO.COCH_2NHCH_2\overset{\overset{O}{\|}}{P}(OH)_2$	$C_3H_8NO_5P$
187.	glyphosine	P	*N, N*-bis (phosphosmethyl) glycine	 $HO.COCH_2N[CH_2\overset{\overset{O}{\|}}{P}(OH)_2]$	$C_4H_{11}NO_8P_2$
188.	guazatine	F	1, 1'-iminodi (octamethylene) diguanidine	 $NH_2\overset{\overset{NH}{\|}}{C}NH(CH_2)_8NH(CH_2)_8NH\overset{\overset{NH}{\|}}{C}NH_2$	$C_{18}H_{41}N_7$
189.	HCH or BHC	I	Mixed isomers of 1, 2, 3, 4, 5, 6-hexachlorocyclohexane		$C_6H_6Cl_6$
190.	HEOD	I	(1*R*, 4*S*, 4*aS*, 5*R*, 6*R*, 7*S*, 8*S*, 8*aR*)-1, 2, 3, 4, 10, 10-hexachloro-1, 4, 4a, 5, 6, 7, 8, 8a-octahydro-6, 7-epoxy-1, 4, 5, 8- dimethanonaphthalene		$C_{12}H_8Cl_6O$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure Formula	Molecular
(1)	(2)	(3)	(4)	(5)	(6)
191.	heptachlor	I	1, 4, 5, 6, 7, 8, β-heptachloro-3a, 4, 7, 7a-tetrahydro-4,7- methanoindene		$C_{10}H_5Cl_7$
192.	hexachlorobenzene	F	hexachlorobenzene		C_6Cl_6
193.	hexazinone	H	3-cylohexyl-6-dimethylamino-1-methyl-1, 3, 5-triazine-2, 4 (1*H*, 3*H*)-dione		$C_{12}H_{20}N_4O_2$
194.	HHDN	I	1, 2, 3, 4, 10, 10-hexachloro-1, 4, 4a,5, 8, 8a-hexahydro-*exo*-1, 4-*endo*-5, β-dimethano-naphtalene		$C_{12}H_8CL_6$
195.	IAA	P	indol-3-ylacetic acid		$C_{10}H_9NO_2$

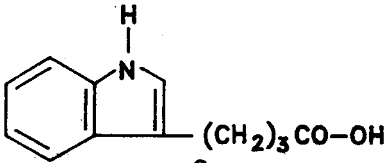
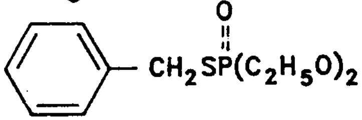
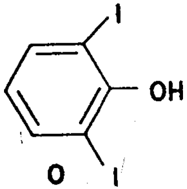
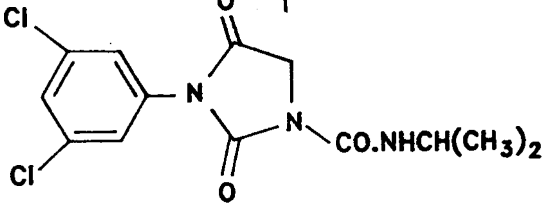
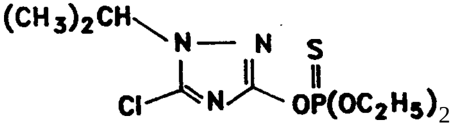
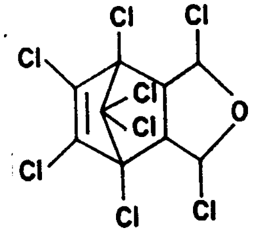
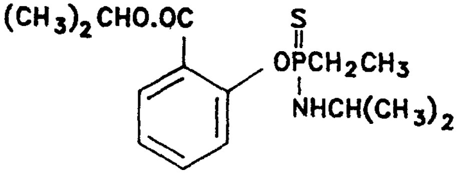
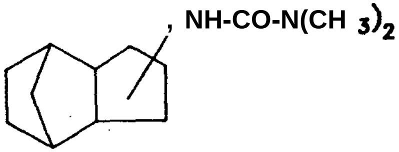
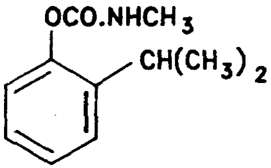
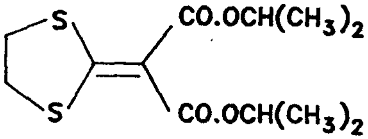
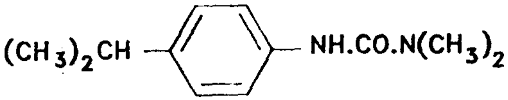
196.	IBA	P	**4-indol-3-ylbuttyric** acid		$C_{12}H_{13}NO_2$
197.	IBP	F	S-benzyl 0, 0-diethyl phosphorothioate		$C_{13}H_{21}O_3PS$
198.	ioxynil	H	**4-hydroxy-3, 5-di-iodobenzonitrile**		$C_7H_3I_2NO$
199.	iprodione	F	**3-(3, 5-dichlorophenyl)-*N*-isopropyl-2, 4-dioxoimidaaolidine-1-** carboxamide		$C_{13}H_{13}Cl_2N_3O_2$
200.	isazofos	N	***O*-5-chloro-1-isopropyl-1*H*-1,** 2, **4-triazol-3-yl** 0 , Odiethyl **phos**phorothioate		$C_9H_{17}ClN_3O_3PS$
201.	isobenzan	I	**1, 3, 4, 5, 6, 7, 8, β-octachloro-1, 3, 3a, 4, 7, 7a-hexahydro-4, 7** methanoisobenzofuran		$C_9H_9Cl_2O$

Table 1 (*Continued*)

Sl No. (1)	Common Name (2)	Use (3)	Chemical Name (4)	Chemical Structure (5)	Molecular Formula (6)
202.	isofenphos	I	O-ethyl *O*-2-isopropoxycarbonyl-phenyl isopropyl phosphoramidothioate		$C_{15}H_{24}NO_4PS$
203.	isonorunon	H	A mixture of the two isomers: 1, 1-dimethyl-3-(perhydro-4, 7- methano = inden-1-yl) urea and 1, 1-dimethyl-3-(perhydro-4, 7- methano = inden-2-yl) urea		$C_{13}H_{22}N_2O$
204.	isoprocarb	I	2-isopropylphenyl methylcarbamate		$C_{11}H_{15}NO_2$
205.	isoprothiolane	F	di-isopropyl 1, 3-dithiolan-2-ylidenemalonate		$C_{12}H_{18}O_4S_2$
206.	isoproturon	H	3-(4-isopropylphenyl)-1, ldimethyl urea		$C_{12}H_{18}N_2O$

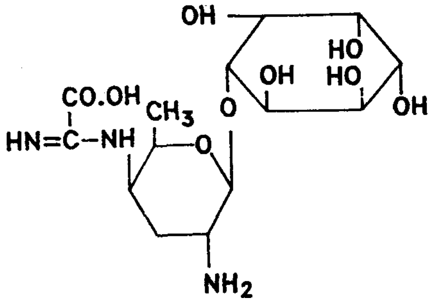
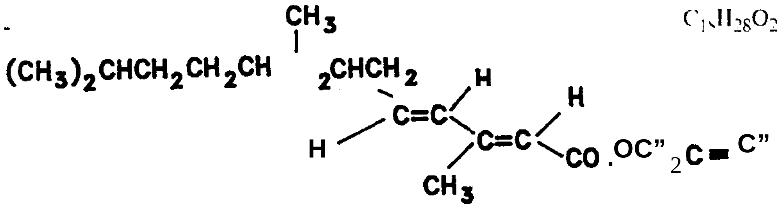
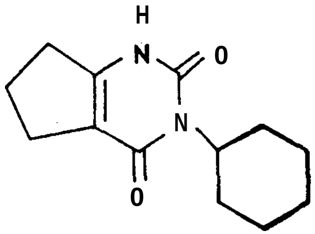
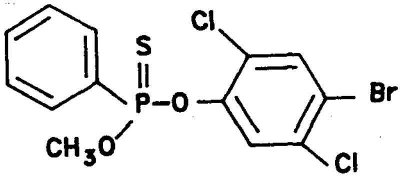
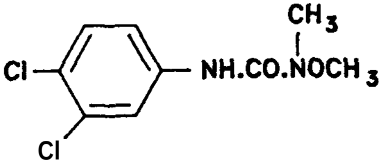
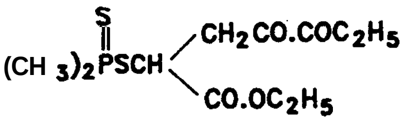
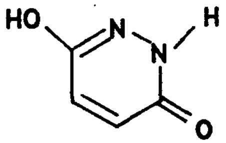
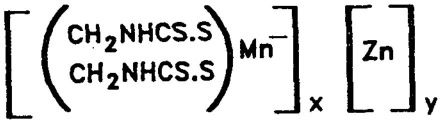
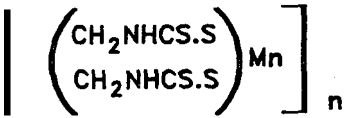
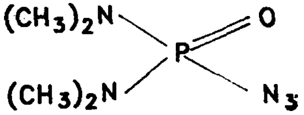
207.	kasugamyoin	F	1 *L* -1, 3, 4/2, 5, 6-1-deoxy--2, 3, 4, 5, 6- penta = hydroxycyclohexy1-2-amino-2, 3, 4, 6 – tetra = deoxy -4- (*alpha* - iminoglycino) - *alpha* -D- arabino- hexopyranoside	 OH HO OH HO OH CO.OH CH3 O HN=C–NH O NH2	$C_{14}H_{25}N_3O_9$
208.	kinoprcne	I	prop-2-ynyl (±) - (*E*, E) -3, 7, 11 - trimethyldodeca- 2, 4-dienoate	 CH3 (CH3)2CHCH2CH2CH 2CHCH2 H C=C H H C=C CO .OC"2C ≡ C" CH3	$C_{18}H_{28}O_2$
209.	lenacil	I	3-cyclohexyl-1, 5, 6, 7-tetrahydroxyclo = pen tapyrimidine-2, 4 (3*H*) - dione		$C_{13}H_{18}N_2O_2$
210.	leptophos	I	*O*-4-bromo-2, 5-dichlorophenyl *O*-methyl phenylphosphonothioate		$C_{13}H_{10}BrCl_2O_2PS$
211.	lindane	I	Product containing not less than 99 percent of gamma - HCH or gamma - BHC (see Sl no. 182).		
212.	linuron	H	3-(3, 4-dichlorophenyl) -1-methoxy-1-methylurea		$C_9H_{10}Cl_2N_2O_2$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
213.	malathinon	I	S-1, 2-bis (ethoxycarbonyl)ethyl*O,O*-dimethyl phosphorodithioate		$C_{10}H_{19}O_4PS_2$
214.	maleic hydrazide	H	1, 2-dihydropyridazine-3, 6-dione		$C_4H_4N_2O_2$
215.	mancozeb	F	manganese ethylenebis (dithiocarbamate) (polymeric) complex with zinc salt [complex of zinc and maneb containing 20 percent of manganese and 2.5 percent of zinc. It should he stated which salt is present, for example, mancozeb chloride] (Chemical structure is fully not known)		$[C_4H_6MnN_2S_4]^*$ (ZN)
216.	maneb	F	manganese ethylenebis (di thiocarbamate) (polymeric) [chemical structure of the product is not yet fully known]		$(C_4H_6MnN_2S_4)_n$
217.	mazidox	I	tetramethylazidophosphonic diamide		$C_4H_{12}N_5OP$

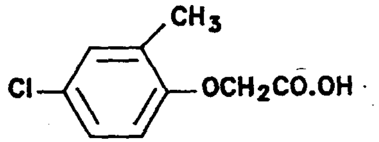
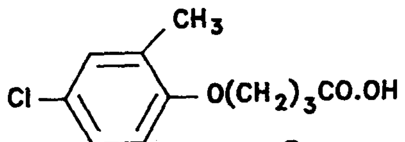
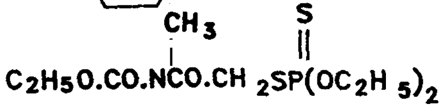
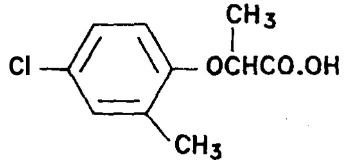
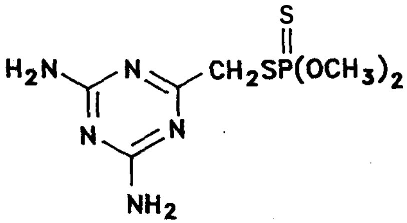
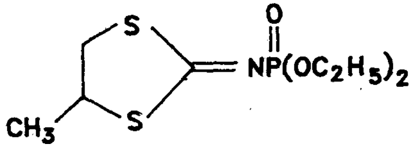
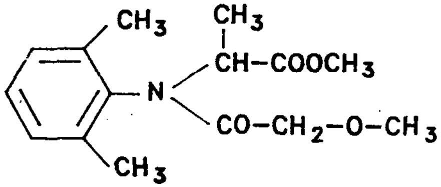
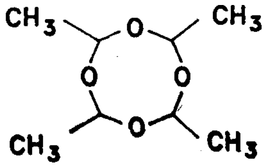
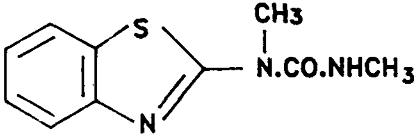
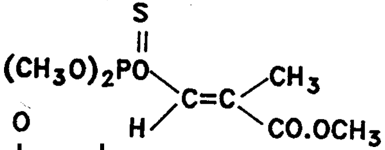
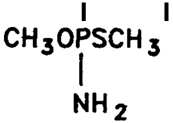
218.	MCPA	H	4-chloro-*O*-tolyloxyacetic acid		$C_9H_9ClO_3$
219.	MCPB	H	4-(4-chloro-*O*-tolyloxy) butyric acid		$C_{11}H_{13}ClO_3$
220.	mecarbam	A I	*S*-(*N*-ethoxycarbonyl-*N*-methylcarbamoyl = methyl) 0, O-diethyl phosphorodithioate	 $C_2H_5O.CO.\overset{CH_3}{\overset{\mid}{N}}CO.CH_2S\overset{S}{\overset{\|}{P}}(OC_2H_5)_2$	$C_{10}H_{20}NO_5PS_2$
221.	mecoprop	H	(±)-2-(4-chloro-*O*-tolyloxy) propionic acid		$C_{10}H_{11}ClO_3$
222.	MEMC	F	2-methoxyethylmercury chloride	$CH_3O-(CH_2)_2-HgCl$	C_3H_7ClHgO
223.	menazon	A I	S-4, 6-diamino-1, 3, 5-triazin-2-yl = methyl 0, 0-dimethyl phosphoro = dithioate		$C_6H_{12}N_5O_2PS_2$
224.	mephosfolan	I	diethyl 4-methyl-1, 3-dithiolan-2-yli = denephosphoramidate		$C_8H_{16}NO_3PS_2$

Table 1 (*Continued*)

Sl No.	Common Name	USC	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
225.	Metalaxyl	F	methyl N-(2-methoxyacetyl) -N-(2,6-xylyl) - *DL*-alaninate		$C_{15}H_{21}NO_4$
226.	metaldehyde	M	r-2, *c*-4, c-6, *c*-8-tetramethyl -1, 3, 5, 7-tetraoxocane		$C_8H_{16}O_4$
227.	metam sodium	F	sodium methyldithiocarbamate	$CH_3-N-Na=CS-SH$	$C_2H_4NNaS_2$
228.	methabenzth= iazuron	H	1-benzothiazol-2-yl-1,3-dimethylurea		$C_{10}H_{11}N_3OS$
229.	methacrifos	I	*O,O*-dimethyl (*E*)-*O*-2-methoxycarbonylprop-l-enyl phosphorothioate		$C_7H_{13}O_5PS$
230.	methamidophos	I	0, *S*-dimethyl phosphoramidothioate		$C_2H_9NO_2PS$

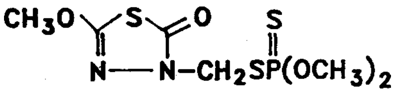
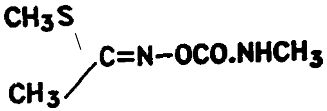
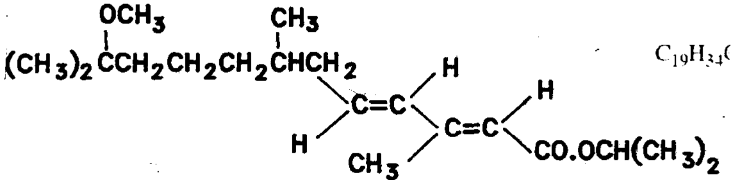
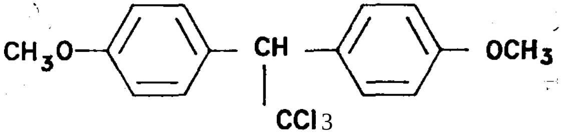
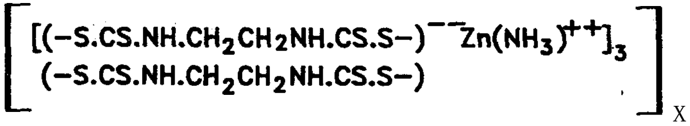
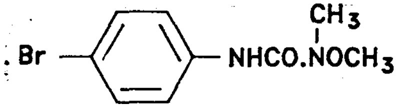
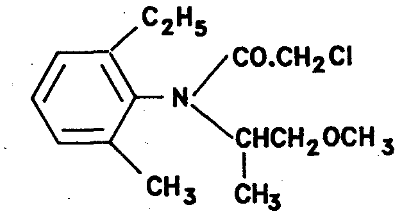
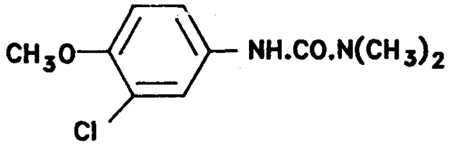
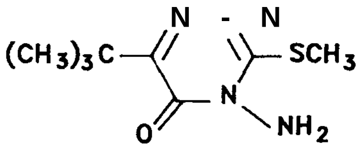
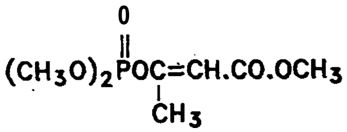
231.	methidathion	I	S-2, 3-dihydro-5-methoxy-2oxo-1, 3, 4-thiadiazol-3-ylmethl *O*, 0-dimethyl phosphorodithioate		$C_6H_{11}N_2O_4PS_3$
232.	methomyl	I	S-methyl *N*-(methylcarbamoyloxy) = thioacetamidate		$C_5H_{10}N_2O_2S$
233.	methoprene	I	isopropyl F-E) - (*RS*) -11-methoxy-3, 7, 11-trimethyldodeca-2, 4- dienoate		$C_{19}H_{34}O_3$
234.	methoxychlor	I	1, 1, 1-trichloro-2, 2-bis (4-methoxy-phenyl) ethane		$C_{16}H_{15}Cl_3O_2$
235.	metiram	F	zinc ammoniate ethylenebis (dithiocarbamate) - poly [ethylenebis (thiuram disulphide)]	 $\left[\begin{matrix}[(-S.CS.NH.CH_2CH_2NH.CS.S-)^{--}Zn(NH_3)^{++}]_3\\(-S.CS.NH.CH_2CH_2NH.CS.S-)\end{matrix}\right]_X$	Not given
236.	metobromuron	H	3-(4-bromophenyl) -1-methoxy-1-methylurea		$C_9H_{11}BrN_2O_2$

Table 1 (Continued)

Sl No.	**Common Name**	**Use**	**Chemical Name**	**Chemical Structure**	**Molecular Formula**
(1)	(2)	(3)	(4)	(5)	(6)
237.	metolachlor	H	2-chloro-6'-ethyl-*N*-(2-methoxy-1-methyl = ethyl) acet -0-toluidide		$C_{15}H_{22}ClNO_9$
238.	metoxuron	H	3-(3-chloro-4-methoxyphenyl) -1, 1-dimethylurea		$C_{10}H_{13}ClN_2O_2$
239.	metribuzin	H	4-amino 6-*tert*-butyl-4, 5-dihydro-3-methylthio-1, 2, 4-triazin-5- one		$C_9H_{14}N_4OS$
240.	mevinphos	I	2-methoxycarbonyl-1-methylvinyl dimethyl phosphate (It should be stated which isomer is present, for example, *trans*-mevinphos)	 $(CH_3O)_2\overset{\overset{O}{\Vert}}{P}O\underset{\underset{CH_3}{\vert}}{C}{=}CH.CO.OCH_3$	$C_7H_{13}O_4P$

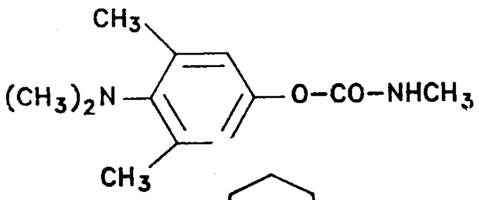
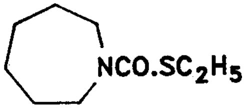
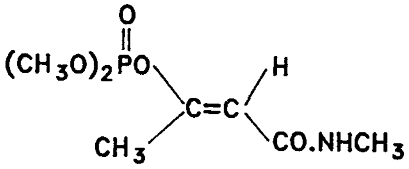
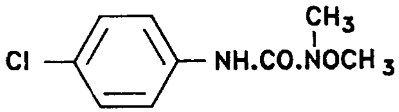
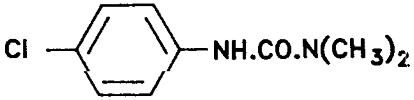
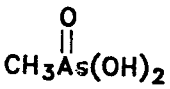
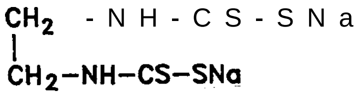
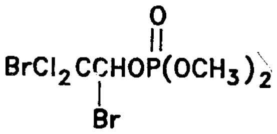
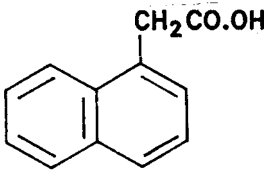
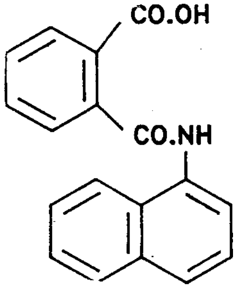
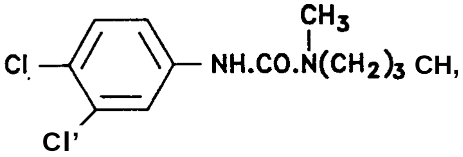
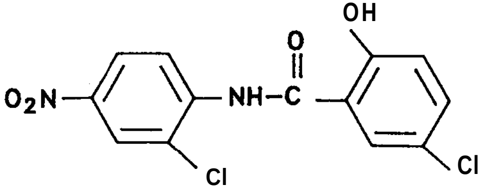
241.	mesacarbamale	I	I-dimethylamino-3, 5-xylyl methylcarbamate		$C_{12}H_{18}N_2O_2$
242.	molinate	H	S-ethyl *N, N*-hexamethylenethiocarbamate		$C_9H_{17}NOS$
243.	monocrotophos	I	dimethyl (E)-1-methyl-2-(methylcarbamoyl) vinly phosphate		$C_7H_{14}NO_5P$
244.	monolinuron	H	3-(4-chlorophenyl)-1-methoxy-1-methylurea		$C_9H_{11}ClN_2O_2$
245.	monuron	H	3-(4-chlorophenyl)-1, 1-dimethylurea		$C_9H_{11}ClN_2O$
216.	MSMA	H	methylarsonic acid		CH_5AsO_3
247.	nabam	F	disodium ethylenebis (dithiocarbamate)		$C_4H_6N_2Na_2S_4$

Table 1 (*Continued*)

Sl No. (1)	Common Name (2)	Use (3)	Chemical Name (4)	Chemical Structure (5)	Molecular Formula (6)
248.	naled	I	1, 2-dibromo-2, 2-dichloroethyl dimethyl phosphate		$C_4H_7Br_2Cl_2O_4P$
249.	*alpha*-naph-thaleneacetic acid	P	2-(1 -naphthyl) acetic acid		$C_{12}H_{10}O_2$
250.	naptalam		*N*-1-naphthylphthlamic acid		$C_{18}H_{13}NO_3$
251.	neburon	H	1-butyl-3-(3, 4-dichlorophenyl)-1-methylurea		$C_{12}H_{16}Cl_2N_2O$
252.	niclosamide	M	5-chloro-*N*-(2-chloro-4-nitrophenyl) = salicylamide		$C_{13}H_9Cl_2N_2O_4$

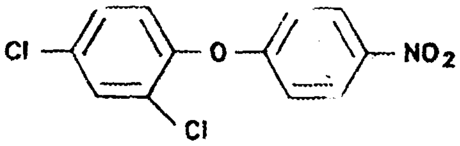
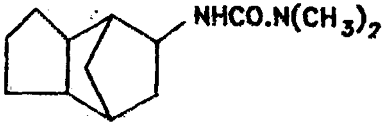
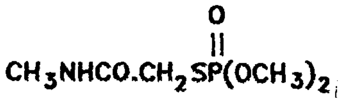
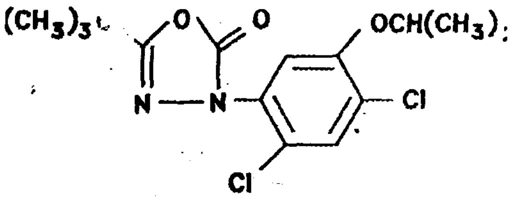
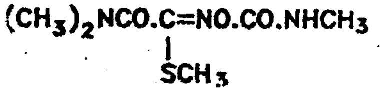
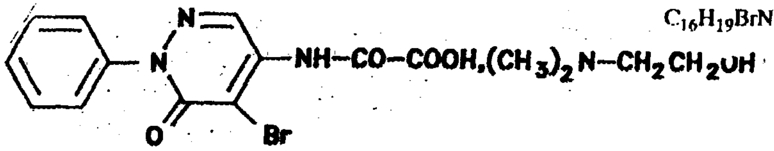
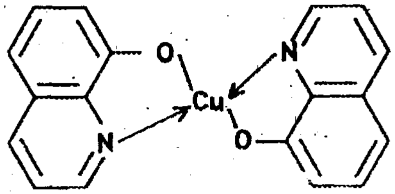
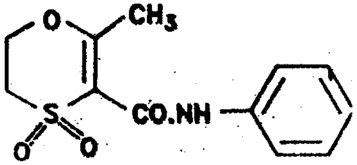
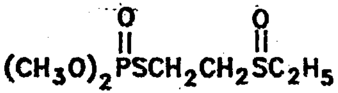
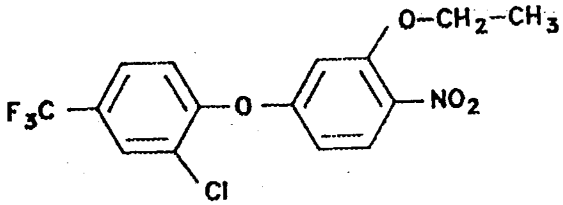
253.	nitrofen	H	2, 4-dichlorophenyl 4-nitrophenyl = ether		$C_{12}H_7Cl_2NO_3$
254.	noruron	H	1, 1-dimethyl-3-(perhydro-4, 7-methano = inden-5-yl) urea		$C_{13}H_{22}N_2O$
255.	omethoate	I	*O*, *O*-dimethyl *S*-methylcarbamoylethyl phosphorothioate	 $CH_3NHCO.CH_2S\overset{\overset{O}{\|}}{P}(OCH_3)_2$	$C_5H_{12}NO_4PS$
256.	oxadiazon	H	5-*tert*-butyl-3-(2,4-dichloro-5-iso = propoxyphenyl)-1, 3, 4- oxadiazol-2(3*H*)-one		$C_{15}H_{19}Cl_2N_2O_3$
257.	oxamyl	I	*N*,*N*-dimethyl-2-methylcarbamoyloxy = imino-2-(methylthio) acetamide	 $(CH_3)_2NCO.\underset{\underset{SCH_3}{\mid}}{C}{=}NO.CO.NHCH_3$	$C_7H_{13}N_3O_3S$
258.	oxapyrazon	H	2-hydroxethyldimethylammonium 5-bromo-1, 6-dihydro-6-oxo-phenylpyridazin -4-yloxamate		$C_{16}H_{19}BrN_4O_5$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
259.	oxine-copper oxine-Cu	F	bis (quinolin-8-olato) copper or cupric 8-quinolinoxide		$C_{19}H_{12}CuN_2O_2$
260.	oxyacrboxin	F	5, 6-dihydro-2-methyl-1, 4-oxathi-in-3-carboxanilide 4, 4-dioxide		$C_{12}H_{13}NO_4S$
261.	oxydemeton methyl	A I	*S*-2-ethylsulphinylethyl *O, O*-dimethyl phosphorothioate	 $(CH_3O)_2\overset{\overset{O}{\Vert}}{P}SCH_2CH_2\overset{\overset{O}{\Vert}}{S}C_2H_5$	$C_6H_{15}O_4PS_2$
262.	oxyfluorfen	H	2-chloro-*alpha, alpha, alpha,* -trifluoro-*p*-tolyl-3-ethoxy-4- nitrophenyl ether		$C_{15}H_{11}ClF_3NO_4$

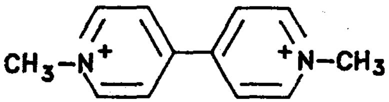
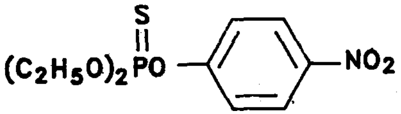
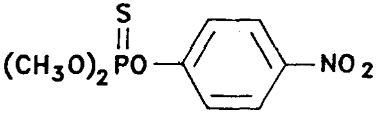
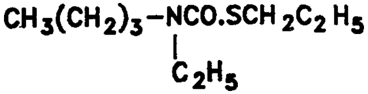
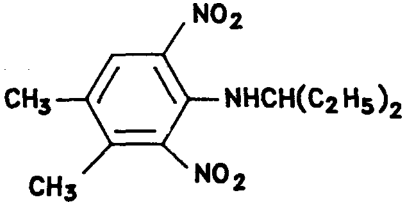
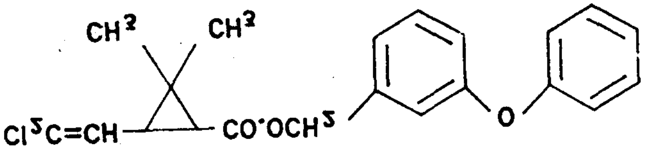
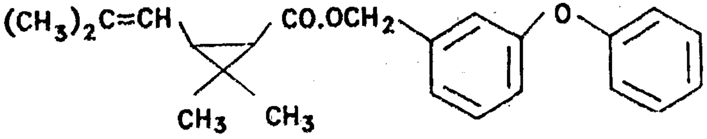
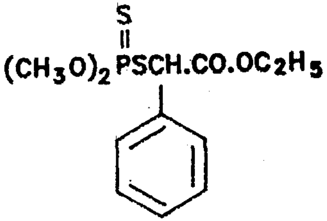
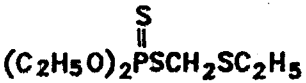
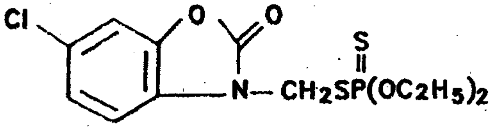
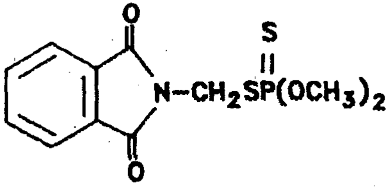
263.	paraquat [It should be stated which anion is present, for instance, paraquat dichloride or paraquat bis (methyl sulphate)]	H	1, 1'-dimethyl-4, 4'-bipyridinium		$C_{12}H_{14}N_2$
264.	parathion	A I	0, 0-diethyl 0-4-nitrophenyl phosphorothioate		$C_{10}H_{14}NO_5PS$
265.	parathion methyl	A I	0, 0-dimethyl 0-4-nitrophenyl phosphorothioate		$C_9H_{10}NO_5PS$
266.	pebulate	H	*S*-propyl butyl (ethyl) thiocarbamate	 $CH_3(CH_2)_3-\underset{C_2H_5}{\underset{\vert}{N}}CO.SCH_2C_2H_5$	$C_{10}H_{21}NOS$
267.	pendimethalin	H	N-1 (1-ethylpropyl)-2, 6-dinitro-3, 4-xylidine		$C_{13}H_{19}N_3O_4$
268.	permethrin	I	3-phenoxybenzyl (1*RS*)-*cis*-*trans*-3-(2, 2-dichlorovinyl)-2, 2-dimethylcyclopropanecarboxylate		$C_{21}H_{20}Cl_2O_3$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
269.	phenothrin	I	3-phenoxybenzyl (1*RS*)-*cis-trans*-chrysanthemate		$C_{23}H_{26}O_3$
270.	phenthoate	A I	ethyl 2-dimethoxythiophosphorylthio-2-phenylacetate or *S-alpha*-ethoxycarbonylbenzyl *O, O*-dimethyl phosphorodithioate		$C_{12}H_{17}O_4PS_2$
271.	phorate	I	*O, O*-diethyl *S*-ethylthiomethyl phosphorodithioate	 $(C_2H_5O)_2\overset{S}{\overset{\Vert}{P}}SCH_2SC_2H_5$	$C_7H_{17}O_2PS_2$
272.	phosalone	A I	*S*-6-chloro-2, 3-dihydro-2-oxobenzoxazol-3-ylmethyl *O, O*- diethyl phosphorodithioate		$C_{12}H_{15}ClNO_4PS_2$
273.	phosmet	I	*O, O*-dimethyl *S*-phthalimidomethyl phosphorodithioate		$C_{11}H_{12}NO_4PS_2$

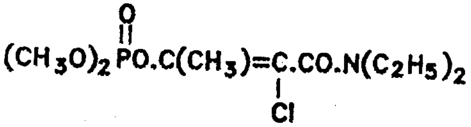
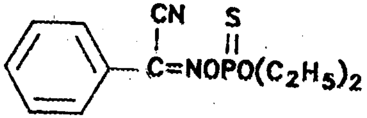
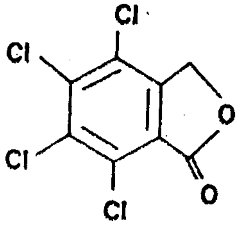
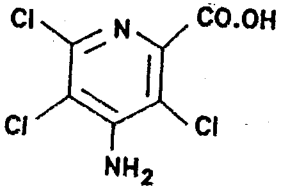
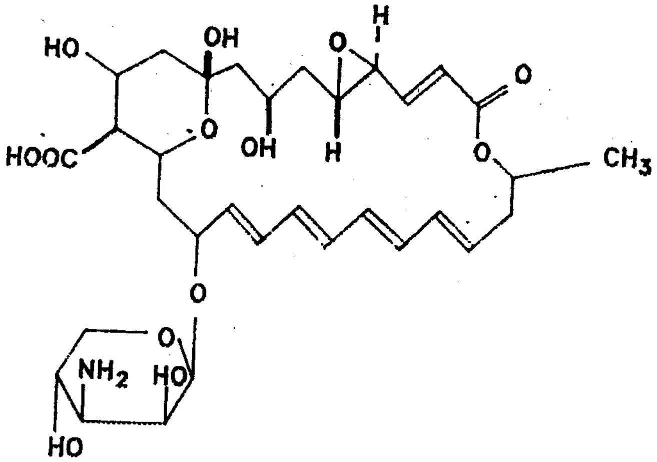
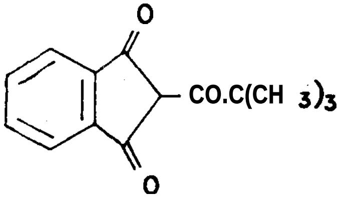
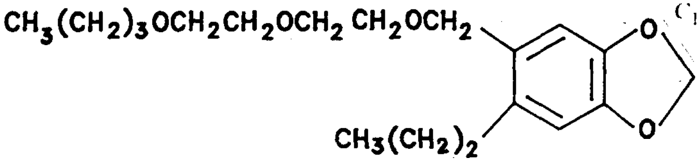
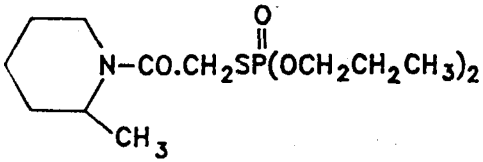
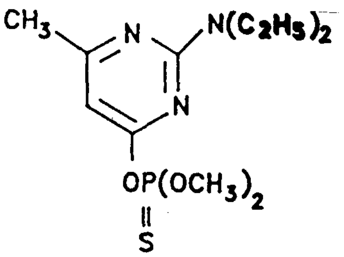
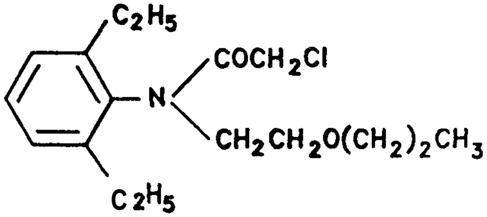
274.	phosphamidon	A I	2-chloro-2-diethylcarbamoyl-1-methyl = vinyl dimethyl phosphate	 $(CH_3O)_2\overset{O}{\overset{\parallel}{P}}O.C(CH_3)=\underset{\underset{Cl}{\vert}}{C}.CO.N(C_2H_5)_2$	$C_{10}H_{15}N_2O_3PS$
275.	phoxim	I	*O, O*-diethyl *alpha*-cyanobenzylidene = amino-oxyphosphonothioate		$C_{12}H_{15}N_2O_3PS$
276.	phthalide	F	4, 5, 6, 7-tetrachlorophthalide		$C_9H_2Cl_4O_2$
277.	picloram	H	4-amino-3, 5, 6-trichloropicolinic acid		$C_6H_3Cl_3N_2O_2$
278.	pimaricin	F	(8*E*, 14*E*, 16*E*, 18*E*, 20*E*)-(1*S*, 3*R*, 5*S*, 7S, 12*R*, 24*R*, 25*S*, 26*R*)-22-(3-amino-3, 6-dideoxy-*beta* *D*-mannopyranosyloxy)-1, 3, 26-trihydroxy-12-methyl-10-oxo-6, 11, 28-trioxatricyclo [22.3.1.$0^{5,7}$]octacosa-8, 14, 16, 18, 20-pentaene-25-carboxylic acid.		$C_{33}H_{47}NO_{13}$

Table 1 (Continued)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
279.	pindone	R	2-pivaloylindan-1, 3-dione		$C_{14}H_{14}O_3$
280.	piperonyl butoxide	I	2-(2-butoxyethoxy) ethyl 6-propyl = piperonyl ether		$C_{19}H_{30}O_5$
281.	piperophos	H	*S*-2-methylpiperidinocarbonylmethyl 0, 0-dipropyl phosphorodithioate		$C_{14}H_{28}NO_3PS_2$
282.	pirimiphos methyl	A I N	0-2-diethylamino-6-methylpyrimidin-4-yl-*O*, 0-dimethyl phosphorothioate		$C_{11}H_{20}N_3O_3PS$
283.	pretilachlor	H	2-chloro-2', 6'-diethyl-*N*-(2-propoxy = ethyl) acetanilide		$C_{17}H_{26}ClNO_2$

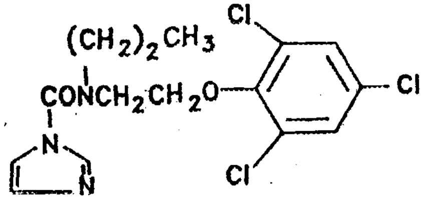
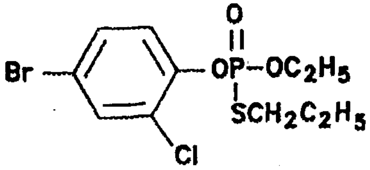
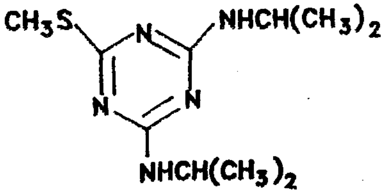
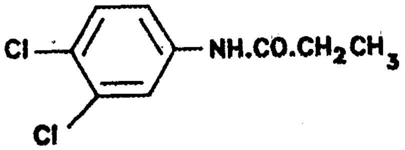
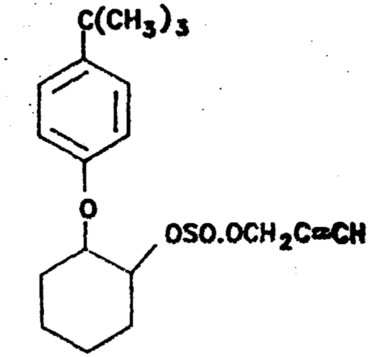
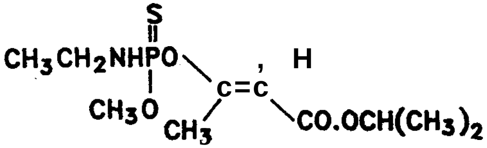
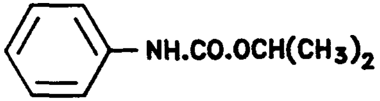
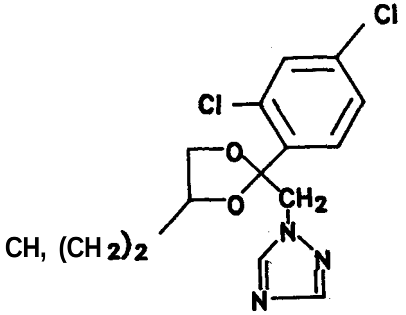
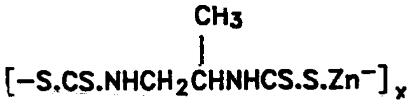
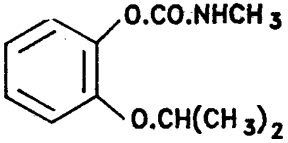
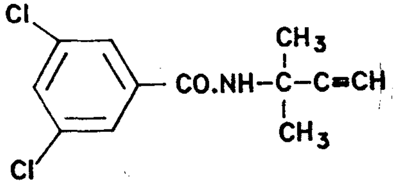
284.	prochloraz	F	1-*N*-propyl-*N*-[2-(2,4,6-trichlorophenoxy) ethyl] carbamoylimidazole		$C_{15}H_{16}Cl_3N_3O_2$
285.	profenofos	I	*O*-4-bromo-2-chlorophenyl *O*-ethyl *S*-propyl phosphorothioate		$C_{11}H_{15}BrClO_3PS$
286.	prometryne	H	2, 4-bis (isopropylamino)-6-methylthio-1, 3, 5-triazine		$C_{10}H_{19}N_5S$
287.	propanil	H	3', 4'-dichloropropionanilide		$C_9H_9Cl_2NO$
288.	propargite	A	2-(4-tert-butylphenoxy) cyclohexyl prop-2-ynyl sulphite		$C_{19}H_{24}O_4S$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
289.	propetamphos	I	isopropyl (3-[ethylamino(methoxy) = phosphinothioyloxy] isocrotonate		$C_{10}H_{20}NO_4PS$
290.	propham	H	isopropyl carbanilate or isopropyl phenylcarbamate		$C_{10}H_{13}NO_2$
291.	propiconazole	F	(±)-1-[2-(2,4-dichlorophenyl)-4-propyl-1, 3-dioxolan-2- ylmethyl]-1-*H*-1, 2, 4-triazole		$C_{15}H_{17}Cl_2N_3O_2$
292.	propineb	F	polymeric zinc propylenebis (dithiocarbamate)	 $[-S.CS.NHCH_2\overset{\overset{CH_3}{\vert}}{C}HNHCS.S.Zn^-]_x$	$(C_5H_8N_2S_4Zn)_8$
293.	propoxur	I	2-isopropoxyphenyl methylcarbamate		$C_{11}H_{15}NO_3$
294.	propyzamide	H	3, 5-dichloro-*N*-(1, 1 dimethylpropynyl) = benzamide		$C_{12}H_{11}Cl_2NO$

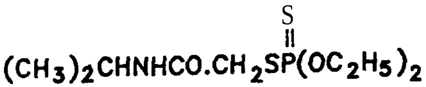
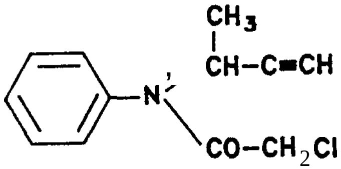
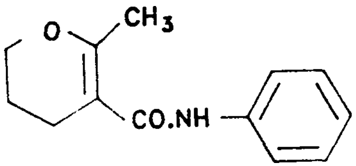
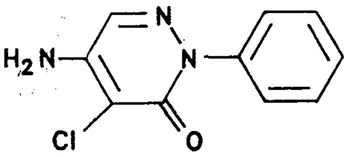
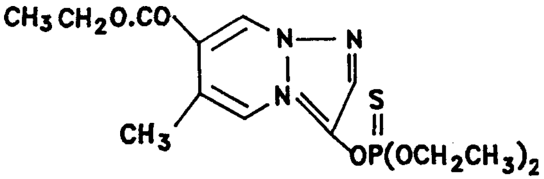
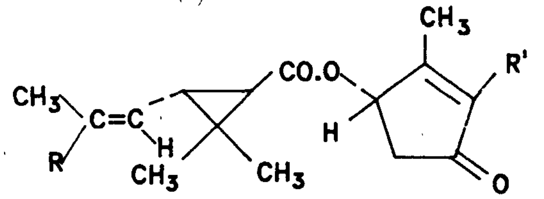
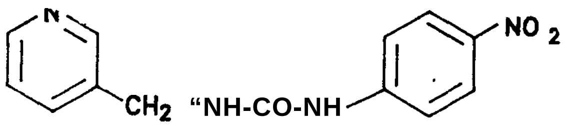
295.	prothoate	A .	0 , *O*-diethyl *S*-isopropylcarbamoylmethyl phosphorodithioate	 $(CH_3)_2CHNHCO.CH_2S\overset{S}{\overset{\|}{P}}(OC_2H_5)_2$	$C_9H_{20}NO_3PS_2$
296.	prynachlor	H	2-chloro-*N* (1-methylprop-2-ynyi) acetanilide		$C_{12}H_{12}ClNO$
297.	pyracarbolid	F	3, 4-dihydro-6-methyl-2*H*-pyran-5-carboxanilide		$C_{13}H_{15}NO_2$
298.	**pyrazon** (chloridazon)	H	5-amino-4-chloro-2-phenylpyridazin -3 (2-)-one		$C_{10}H_8ClN_3O$
299.	pyrazophos	F	ethyl 2-diethoxythiophosphoryloxy - 5 methyl = pyrazolo [1, 5-a] pyrimidine-6-carboxylate		$C_{14}H_{20}N_3O_5PS$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
300.	pyrethrins (the term is used collectively for 6 insecticidal constituents, cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I, and pyrethrin II	I	**cinerin** I-(1*S*)-3-[(*Z*)-but-2-enyl]-2-methyl-4-oxocyclopent-2-enyl (1*R*)-trans-chrysanthemate		$C_{20}H_{28}O_3$
			cinerin II - (1*S*)-3-[(*Z*)-but-2-enyl]-2-methyl-4-oxocyclopent-2- enyl (1*R*)-trans-3-[(*E*)-2-methoxycarbonylprop -1 enyl]-2, 2-dimethylcyclopropanecarboxylate		$C_{20}H_{28}O_3$
			jasmolin I- (1*S*)-2-methyl-4-oxo-3-[(*Z*)-pent-2-enyl] cyclopent- 2-enyl (1*R*)-*trans*-chrysanthemate		$C_{20}H_{28}O_3$
			jasmolin II-(1*S*)-2-methyl-4-oxo-3-[(*Z*)-pent-2-enyl] cyclopent-2- enyl (1*R*)-*trans*-3-[(*E*)-2methoxycarbonyl prop-1-enyl]-2, 2- dimethylcyclopropanecarboxylate		$C_{20}H_{28}O_3$
			pyrethrin I- (1*S*)-2-methyl-4-oxo-3-[(*Z*)-penta-2, 4-dienyl] cyclopent-2-enyl (1*R*)-*trans*-chrysanthemate		$C_{20}H_{28}O_3$
			pyrethrin II-(1*S*)-2-methyl-4oxo-3-[(*Z*)-penta-2, 4-dienyl] cyclopent-2-enyl (1*R*)-*trans*-3-[(*E*)-2-methoxycarbonyl prop-1-enyl]- 2, 2-dimethylcyclopropanecarboxylate		$C_{20}H_{28}O_3$
301.	pyrinuron	R	1-(4-nitrophenyl)-3-(3-pyridylmethyl) urea		$C_{13}H_{12}N_4O_3$

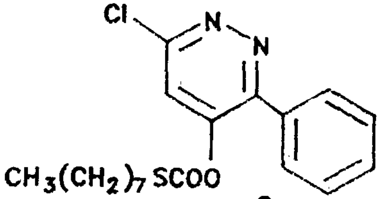
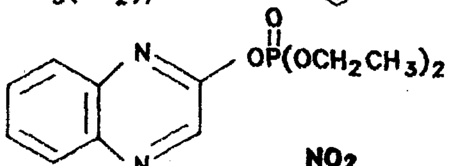
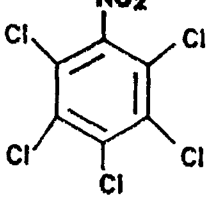
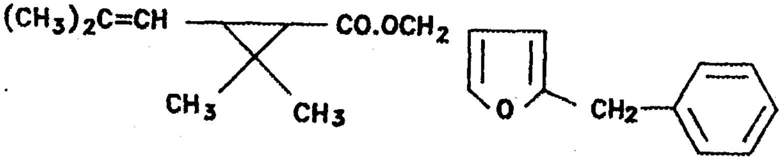
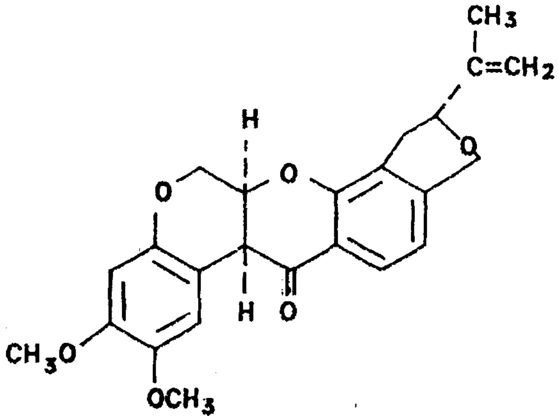
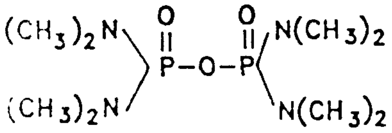
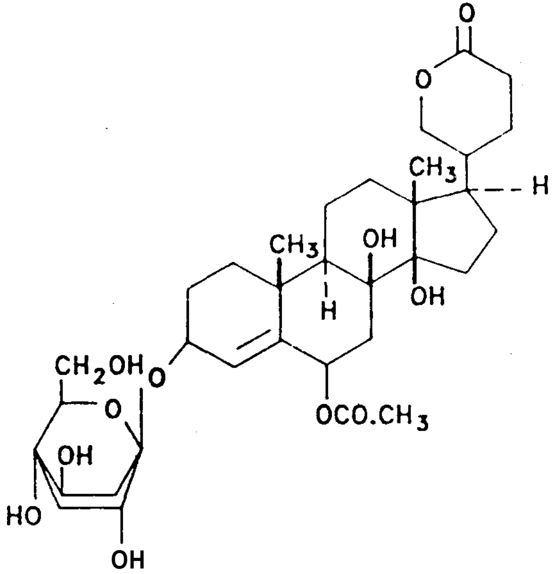
302.	pyrocuilon (pyridate)	H	6-chloro-3-phenylpyridazin-4-yl *S*-octyl thiocarbonate		$C_{19}H_{23}ClN_2O_2S$
303.	quinalphos	I	*O*, *O*-diethyl *O*-quinoxalin-2-yl phosphorothioate		$C_{12}H_{15}N_2O_3PS$
304.	quintozene (PCNB)	F	pentachloronitrobenzene		$C_6Cl_5NO_2$
305.	resmethrin	I	5-benzyl-3-furylmethyl (*RS*)-*cis*-*trans*-chrysanthemate		$C_{22}H_{26}O_3$
306.	rotenone	I	(2*R*,6a*S*, 12a*S*)-1, 2, 6, 6a, 12, 12a-hexahydro-2-isopropenyl-8, 9-dimethoxychromeno [3, 4-*b*]furo [2, 3-*h*] chromen-6-one		$C_{23}H_{22}O_6$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
307.	schradan	I	octamethylpyrophosphoric tetra-amide		$C_9H_{24}N_4O_3P_2$
308.	scilliroside	R	3*beta*-(*beta*-*D*-glucopyranosyl)-17 *beta*-(2-*oxo*-2*H*-pyran-5-yl)-14 *beta*-androst-4-ene-6beta, 8, 14-triol 6-acetate		$C_{32}H_{44}O_{12}$

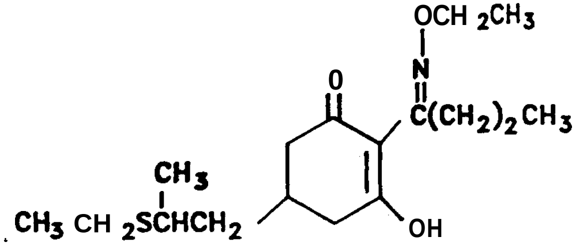
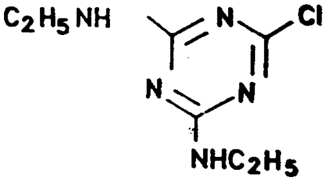
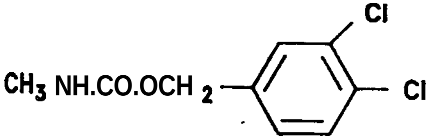
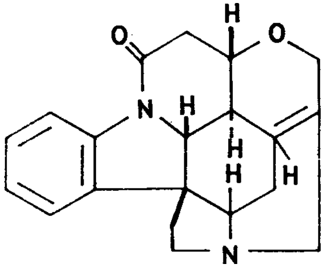
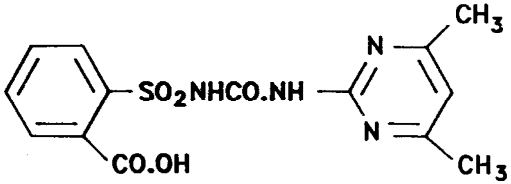
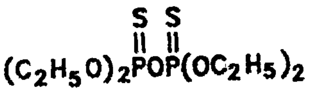
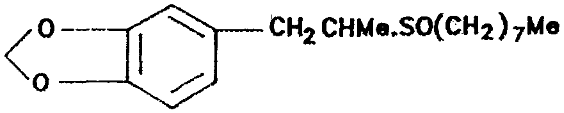
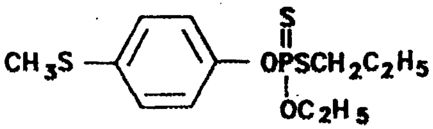
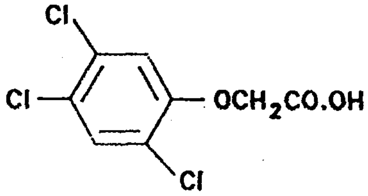
309.	sethoxydim	H	(±)-2-(1-ethoxyiminobutyl)-5-[2-(et hylthio) = propyl]-3- hydroxycyclohex-2 enone		$C_{17}H_{29}NO_3S$
310.	simazine	H	2-chloro-4, 6-bis (ethylamino)-1, 3, 5-triazine		$C_7H_{12}ClN_5$
311.	**sirmate** (dichloromale)	H	3, 4-dichlorobenzyl methyl carbamate		$C_9H_9Cl_2NO_2$
312.	strychnine	R	strichnidin-IO-one		$C_{21}H_{22}N_2O_2$
313.	sul fometuron	H	2-[3-(4, 6-dimethylpyrimidin-2-yl) urei = dosulphonyl] benzoic acid		$C_{14}H_{14}N_4O_5S$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
314.	sulfotep	A	O, O, O', O'-tetraethyl dithiopyrophosphate	 $(C_2H_5O)_2\overset{S}{\overset{\parallel}{P}}O\overset{S}{\overset{\parallel}{P}}(OC_2H_5)_2$	$C_8H_{20}O_5P_2S_2$
315.	sulphoxide	I	1-methyl-2-(3,4-methylenedioxyphenyl) ethyl octyl sulphoxide		$C_{10}H_{20}O_3S$
316.	sulprophos	I	O-ethyl O-4-methylthiophenyl S propyl phosphorodithioate		$C_{12}H_{19}O_2PS_3$
317.	2, 4, 5-T	H	(2, 4, 5-trichlorophenoxy) acetic acid		$C_9H_5Cl_3O_3$
318.	TCA (sodium salt)	H	sodium trichloroacetate	$Cl_3C.CO.O^-Na^+$	$C_2Cl_3NaO_2$

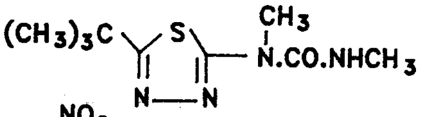
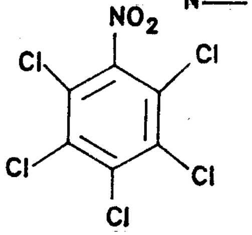
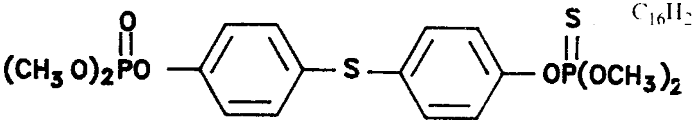
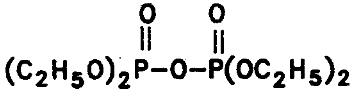
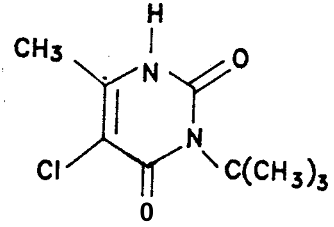
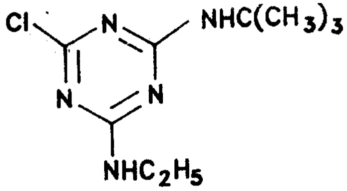
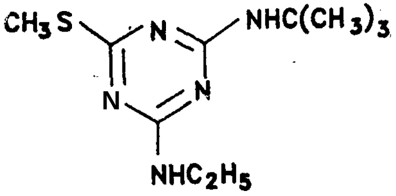
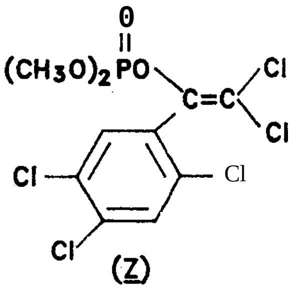
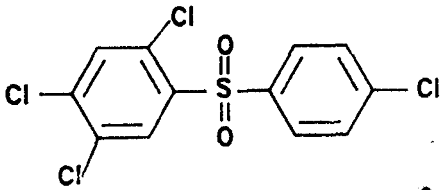
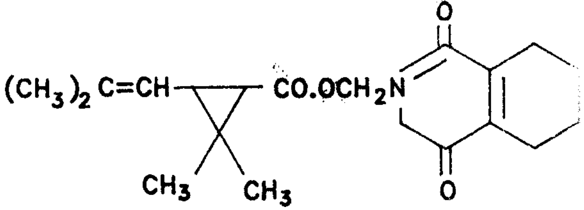
31Y.	tebuthiuron	H	1-(5-*tert*-butyl-1, 3, 4-thiadiazol-2-yl)-1,3-dimethylurea		$C_9H_{16}N_4OS$
320.	tecnazene	F	1, 2, 4, 5-tetrachloro-3-nitrobenzene		$C_6HCl_4NO_2$
321.	temephos	I	*O,O,O',O'*-tetramethyl 0, *O'*-thiodi-p-phenylene his (phosphorothioate)		$C_{16}H_{20}O_6P_2S_3$
322.	TEPP	A	tetraethyl pyrophosphate	 $(C_2H_5O)_2\overset{O}{\overset{\|}{P}}-O-\overset{O}{\overset{\|}{P}}(OC_2H_5)_2$	$C_8H_{20}O_7P_2$
323.	terbacil	H	3-*tert*-butyl-5-chloro-6-methyluracil		$C_9H_{13}ClN_2O_2$
324.	terbuthyl = azine	H	2-*tert*-butylamino-4-chloro-6-ethylamino-l, 3, 5,-triazine		$C_9H_{16}ClN_5$

Table 1 (*Continued*)

Sl No. (1)	Common Name (2)	Use (3)	Chemical Name (4)	Chemical Structure (5)	Molecular Formula (6)
32.5.	terbutryne	H	2-*tert*-butylamino-4-ethylamino-6-methylthio-1, 3, 5-triazine		$C_{10}H_{19}N_5S$
326.	tetrachlor = vinphos	I	(*Z*)-2-chloro-1-(2,4,5-trichlorophenyl) = vinyl dimethyl phosphate		$C_{10}H_9Cl_4O_4P$
327.	tetradifon	A	4-chlorophenyl 2 4 5-trichlorophenyl sulfone		$C_{12}H_6Cl_4O_2S$
328.	tetramethrin	I	3,4, 5,6-tetrahydrophthalimidomethyl (1*RS*)-cis-trans- chrysanthemate		$C_{19}H_{25}NO_4$

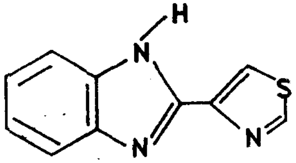
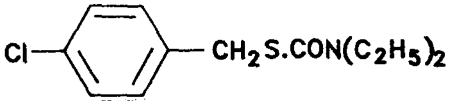
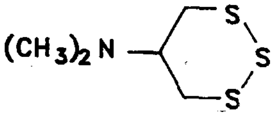
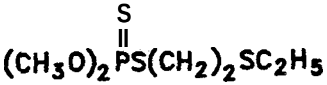
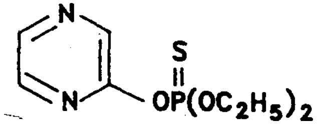
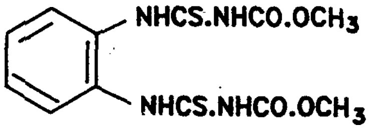
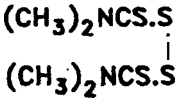
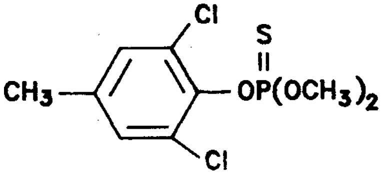
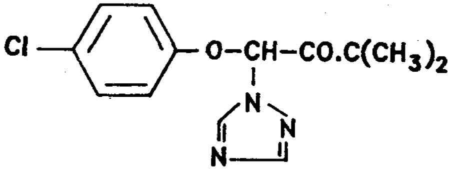
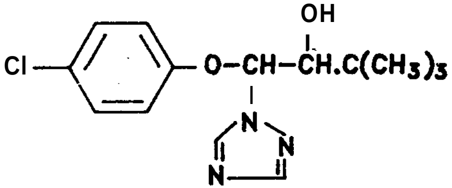
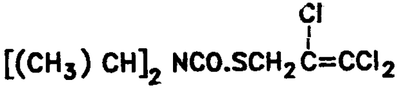
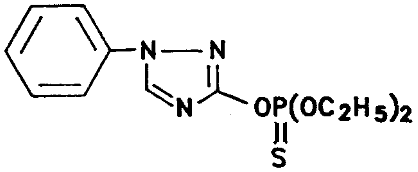
329.	thiabendazole	F	2-(thiazol-4-yl) benzimidazole		$C_{10}H_7N_3S$
330.	thiobencarb	H	*S*-4-chlorobenzyl diethyl (thiocarbamate)		$C_{12}H_{16}ClNOS$
331.	thiocyclam	I	*N, N*-dimethyl-1, 2 , 3-trithian-5-ylamine		$C_5H_{11}NS_3$
332.	thiometon	A I	*S*-2-ethylthioethyl *O,* Odimethyl phosphorodithioate	 $(CH_3O)_2\overset{\overset{S}{\parallel}}{P}S(CH_2)_2SC_2H_5$	$C_6H_{15}O_2PS_3$
333.	thionazin	I N	*O,O*-diethyl 0-pyrazin-2-yl phosphorothioate		$C_9H_{13}N_2O_3PS$
334.	thiophanate methyl	F	dimethyl 4, 4'-(*O*-phenylene) bis (3-thioallophanate)		$C_{12}H_{14}N_4O_4S_2$
335.	thiram	F	bis (dimethylthiocarbamoyl) disulphide or tetramethylthiuram disulphide	 $\begin{array}{l}(CH_3)_2NCS.S\\ \qquad\qquad\quad \vert\\ (CH_3)_2NCS.S\end{array}$	$C_6H_{12}N_2S_4$

Table 1 (*Continued*)

Sl No.	Common Name	Use	Chemical Name	Chemical Structure	Molecular Formula
(1)	(2)	(3)	(4)	(5)	(6)
336.	tolclofosmethyl	F	2,6,dichloro-*p*-tolyl *O,O*-dimethyl phosphorothioate		$C_9H_{11}Cl_2O_3PS$
337.	toxaphene	A I	A reaction mixture of chlorinated camphenes containing 67 to 69 percent chlorine	STRUCTURE UNKNOWN	$C_{10}H_{10}Cl_8$ (approx)
338.	triadimefon	F	1-(4-chlorophenoxy)-3,3-dimethyl-1-(1*H*-1, 2, 4-triazol-1-yl) butanone		$C_{14}H_{16}ClN_3O_2$
339.	triadimenol	F	1-(4-chlorophenoxy)-3,3-dimethyl-1-(1*H*-1,2,4-triazol-1-yl) butan-2-ol; it is a mixture of 2 diastereoisomeric forma		$C_{14}H_{18}ClN_3O_2$
340.	tri-allate	H	*S*, 2, 3, 3-trichloroallyl di-isopropyl (thiocarbamate)	 $[(CH_3)\ CH]_2\ NCO.SCH_2\overset{Cl}{C}=CCl_2$	$C_{10}H_{16}Cl_3NOS$
341.	triazophos	I	0, 0-diethyl 0-1-phenyl-W-1, 2, 4-triazol-3-yl phosphorothioate		$C_{12}H_{14}N_3O_3PS$

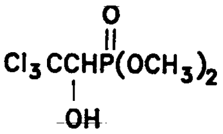
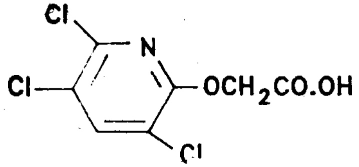
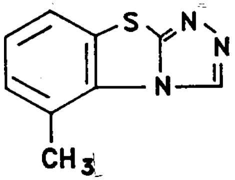
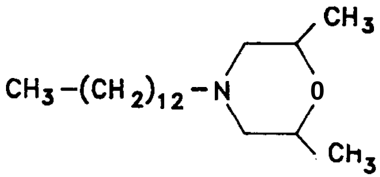
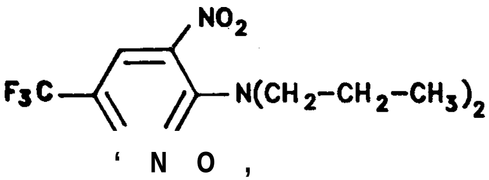
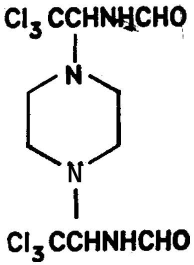
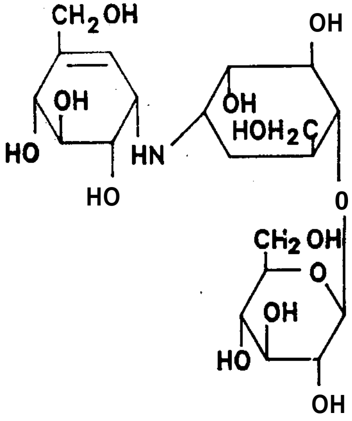
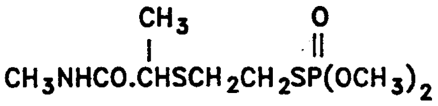
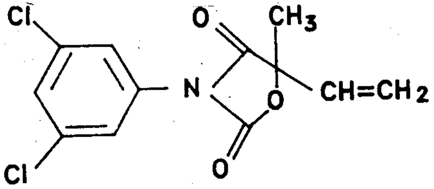
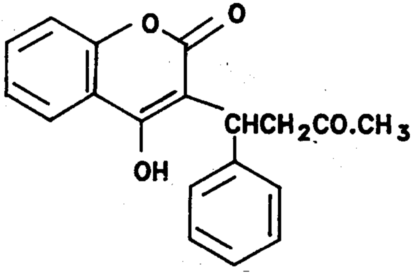
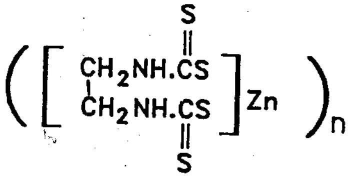
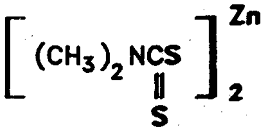
342.	Tributyl phosphorotrithioite	H	tributyl phosphorotrithioite	$(CH_3CH_2CH_2CH_2S)_3P$	$C_{12}H_{27}PS_3$
343.	trichlorphon	I	dimethyl 2, 2, 2-trichloro-1-hydroxyethylphosphonate	 $Cl_3C\underset{OH}{CH}\overset{O}{\overset{\Vert}{P}}(OCH_3)_2$	$C_4H_8Cl_3O_4P$
344.	triclopyr	H	3, 5, 6-trichloro-2-pyridyloxyacetic acid		$C_7H_4Cl_3NO_3$
345.	tricyclazole	F	S-methyl-1, 2,4-triazolo[3, 4-*b*]benzothiazole		$C_9H_7N_3S$
346.	tridemorph	F	2, 6, dimethyl-4-tridecylmorpholine		$C_{19}H_{39}NO$
347.	trifluralin	H	2, 6-dinitro-*N*, *N*-dipropyl-4-trifluoromethylaniline		$C_{13}H_{14}F_3N_3O_4$
348.	triforine	F	1, 4-bis (2, 2, 2-trichloro-1-formamidoethyl) = piperazine		$C_{10}H_{14}Cl_6N_4O_2$

Table 1 (*Concluded*)

Sl No. (1)	Common **Name** (2)	Use (3)	**Chemical Name** (4)	Chemical Structure (5)	Molecular Formula (6)
349.	validamycin	F	1*L*-(1, 3, 4/2, 6)-2, 3-dihydroxy-6-hydroxymethyl-4-[(1*S*, 4*R*, 5*S*, 6*S*)-4, 5, 6-trihydroxy-3-hydroxy=methyl-cyclohex-2-enylamino] cyclohexyl beta-D-glucopyranoside	 CH2OH OH OH HO HN HO OH HOH2C O CH2OH O OH HO OH	$C_{20}H_{35}NO_{13}$
350.	vamidothion	A I	*O*, 0-dimethyl *S*-2-(1-methylcarbamoylethylthio) ethyl phosphorothioate	 $CH_3NHCO.\overset{CH_3}{\overset{\vert}{C}}HSCH_2CH_2S\overset{O}{\overset{\Vert}{P}}(OCH_3)_2$	$C_8H_{18}NO_4PS_2$
351.	vernolate	H	*S*-propyl dipropylthiocarbamate	$(CH_3CH_2CH_2)_2NCOSCH_2CH_2CH_3$	$C_{10}H_{21}NOS$
352.	vinclozolin	F	3-(3, 5-dichlorophenyl)-5-methyl-5-vinyl-l, 3-oxazolidine-2, 4- dione		$C_{12}H_9Cl_2NO_3$

353.	warfarin	R	4-hydroxy-3-(3-oxo-1-phenylbutyl) coumarin		$C_{19}H_{16}O_4$
354.	zineb	F	Zinc ethylenebis (dithiocarbamate) (polymeric) (the chemical structure is not yet fully known)		$(C_4H_6N_2S_4Zn)_n$
355.	**ziram**	F	zinc bis (dimethyldithiocarbamate)		$C_6H_{12}N_2S_4Zn$

ANNEX A

(Clause 5.2)

PESTICIDES NOT REQUIRING COMMON NAMES

Sl No.	*Name of Pesticide*
1.	Aluminium phosphide
2.	Ammonium sulphamate
3.	Barium carbonate
4.	Barium fluorosilicate
5.	Barium polysulphide
6.	Boric acid
7.	Cadmium based compounds
8.	Calcium arsenate
9.	Calcium cyanide
10.	Carbon disulphide
11.	Carbon tatrachloride
12.	Copper acetoarsenite (Paris Green)
13.	Copper arsenate
14.	Copper cyanide
15.	Copper hydroxide
16.	Copper naphthanate
17.	Copper oxychloride
18.	Copper sulphate
19.	Cuprous oxide
20.	y-dichlorobenzene
21.	Dusting sulphur
22.	EDCT mixture
23.	Ethoxyethyl mercury chloride
24.	Ethyl fonnate
25.	Ethyl mercury acetate
26.	Ethyl mercury bromide
27.	Ethyl mercury chloride
28.	Ethyl mercury phosphate
29.	Ethylene dibromide
30;	Ethylene dichloride
31.	Hydrogen cyanide
32.	Hydrogen phosphide
33.	Lead arsenate
34.	Lime sulphur
35.	Magnesium phosphide
36.	Mercuric chloride
37.	Methyl bromide
38.	Methyl mercury chloride
39.	Methylene chloride
40.	Nickel chloride
41.	Nicotine. sulphate
42.	Pentachlorophenol
43.	Phenyl mercury acetate
44.	Phenyl mercury chloride
45.	Phenyl mercury salicylate
46.	Phenyl mercury urea
47.	Phosphorus paste
48.	Potassium cyanide
49.	Sodium cyanide
50.	Sodium flouroac
51.	Sodium fluorosietate
52.	Sulphurlicate
53.	Tar acid
54.	Zinc phosphide

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